Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100175.D
Acq On : 25 Jun 2019 10:37
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 25 14:03:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	332	0.40	ng		0.02
7) Naphthalene-d8	10.48	136	1303	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	1026	0.40	ng		0.01
19) Phenanthrene-d10	17.11	188	3069	0.40	ng		0.01
27) Chrysene-d12	21.28	240	4322	0.40	ng		0.00
34) Perylene-d12	23.73	264	6205	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	32	0.04	ng		0.01
5) Phenol-d6	6.85	99	3	0.00	ng		-0.02
8) Nitrobenzene-d5	8.91	82	72	0.06	ng		0.07
11) 2-Methylnaphthalene-d10	12.12	152	252	0.10	ng		0.04
14) 2,4,6-Tribromophenol	15.88	330	49	0.07	ng		0.03
15) 2-Fluorobiphenyl	13.00	172	399	0.10	ng		0.03
25) Fluoranthene-d10	19.14	212	4283	0.10	ng		0.00
29) Terphenyl-d14	19.75	244	843	0.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	107	0.227	ng	#	90
3) n-Nitrosodimethylamine	3.55	42	21	0.108	ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	87	0.097	ng	#	60
9) Naphthalene	10.54	128	1398	0.099	ng	#	80
10) Hexachlorobutadiene	10.78	225	163	0.121	ng		98
12) 2-Methylnaphthalene	12.19	142	189	0.081	ng	#	88
16) Acenaphthylene	14.08	152	500	0.102	ng	#	93
17) Acenaphthene	14.41	154	270	0.097	ng		97
18) Fluorene	15.41	166	384	0.094	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	179	0.094	ng	#	78
21) Hexachlorobenzene	16.40	284	213	0.106	ng		98
22) Pentachlorophenol	16.76	266	1	0.002	ng		86
23) Phenanthrene	17.15	178	682	0.095	ng		98
24) Anthracene	17.24	178	440	0.069	ng		99
26) Fluoranthene	19.17	202	1105	0.096	ng		97
28) Pyrene	19.53	202	1122	0.092	ng		99
30) Benzo(a)anthracene	21.27	228	1029	0.078	ng		92
31) Chrysene	21.32	228	1547	0.107	ng		94
32) Bis(2-ethylhexyl)phthalate	21.18	149	1565	0.072	ng		99
33) Indeno(1,2,3-cd)pyrene	26.32	276	2045	0.123	ng	#	72
35) Benzo(b)fluoranthene	22.98	252	1440	0.091	ng	#	81
36) Benzo(k)fluoranthene	23.03	252	1876	0.097	ng	#	80
37) Benzo(a)pyrene	23.62	252	1632	0.099	ng	#	67
38) Dibenzo(a,h)anthracene	26.36	278	1578	0.095	ng	#	74
39) Benzo(g,h,i)perylene	27.11	276	1759	0.101	ng	#	81

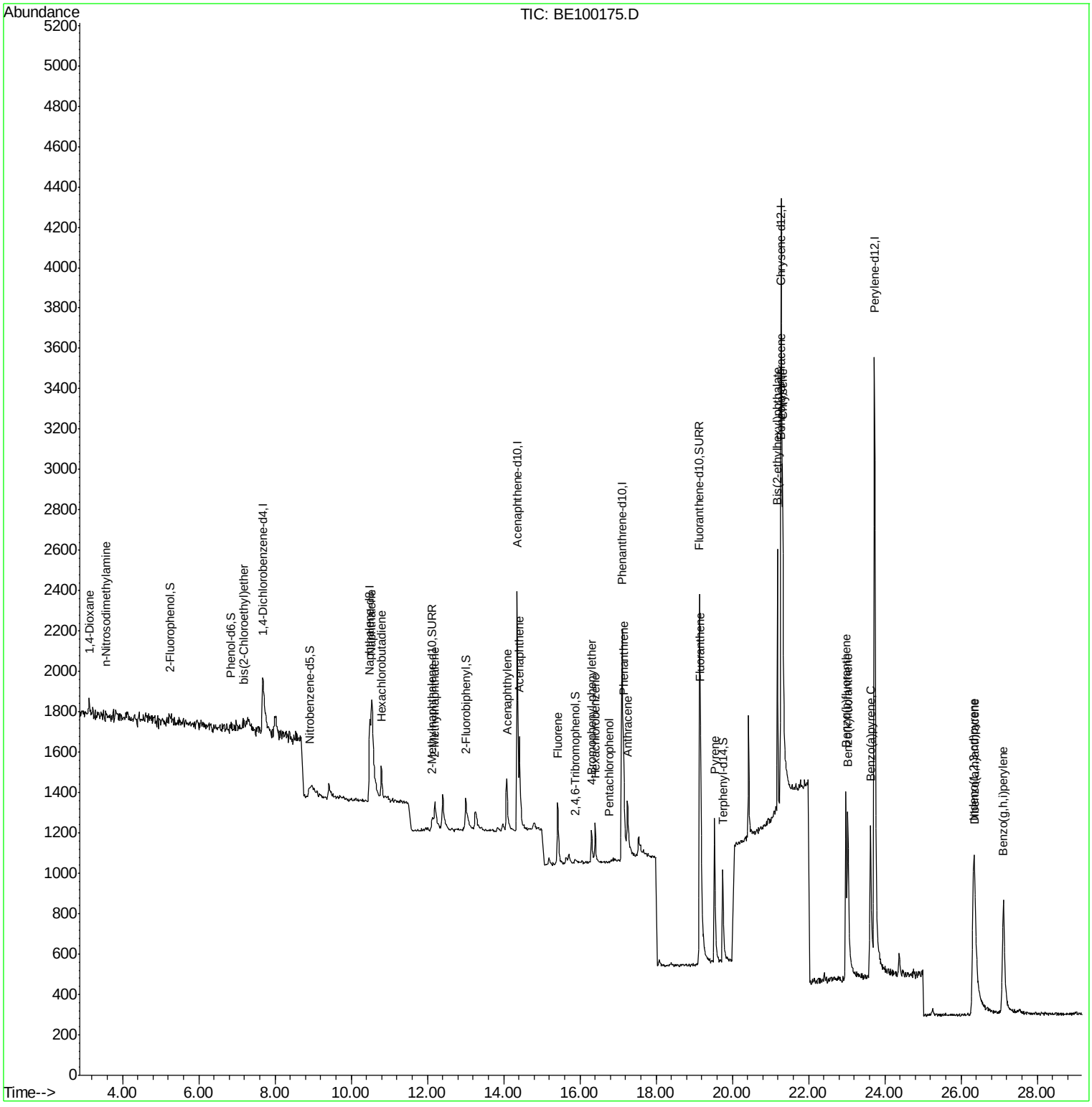
(#) = qualifier out of range (m) = manual integration (+) = signals summed

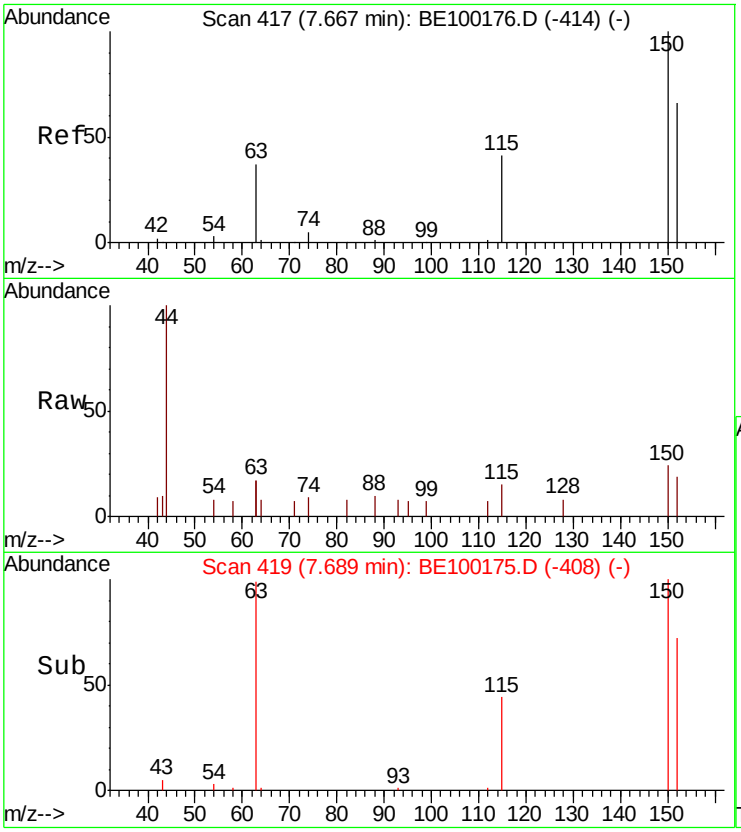
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100175.D
Acq On : 25 Jun 2019 10:37
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 25 14:03:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration



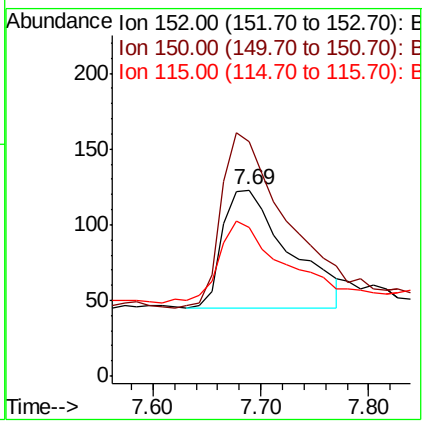


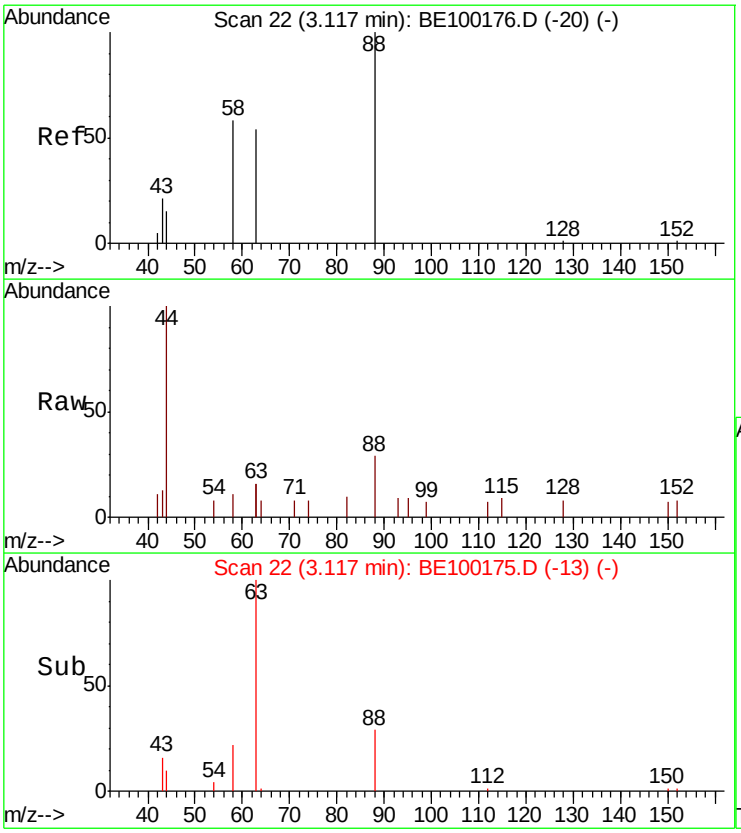
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 332

Ion	Ratio	Lower	Upper
152	100		
150	126.0	113.4	170.2
115	79.7	55.8	83.6

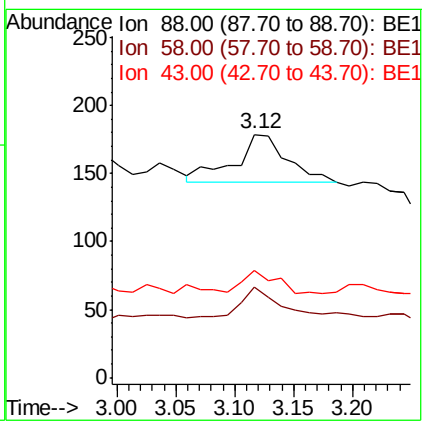


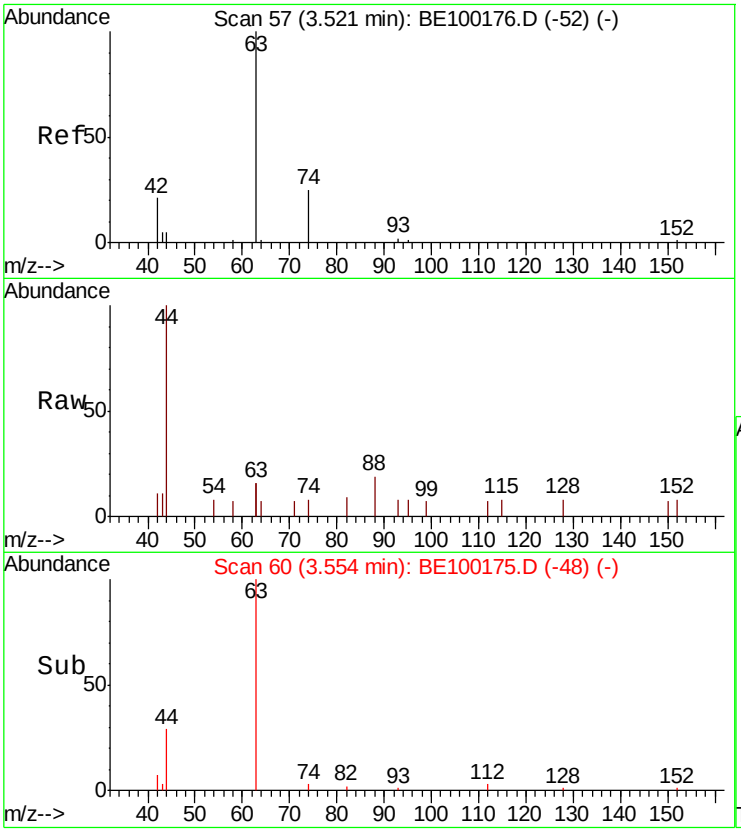


#2
1,4-Dioxane
Concen: 0.227 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	47.7	43.8	65.6
43	29.9	19.4	29.2#



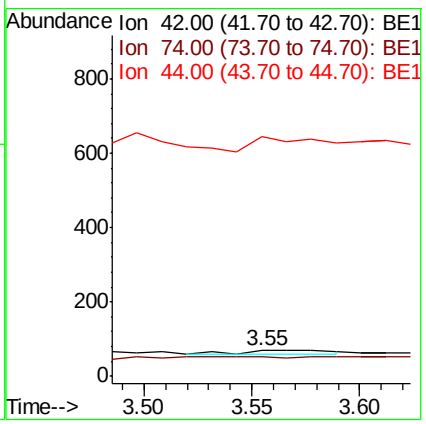


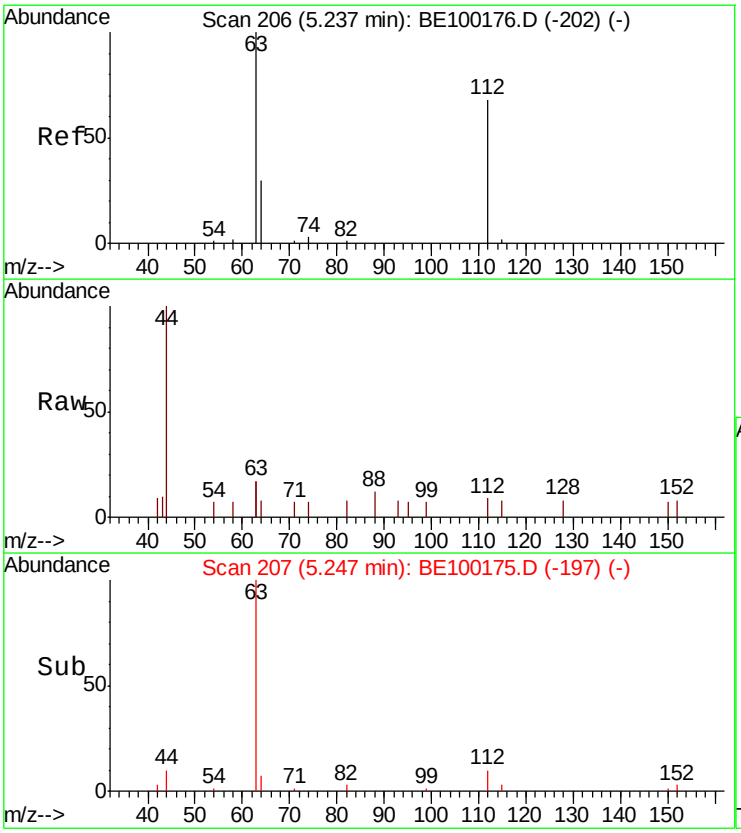
#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.55 min Scan# 60
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	438.1	114.5	171.7#

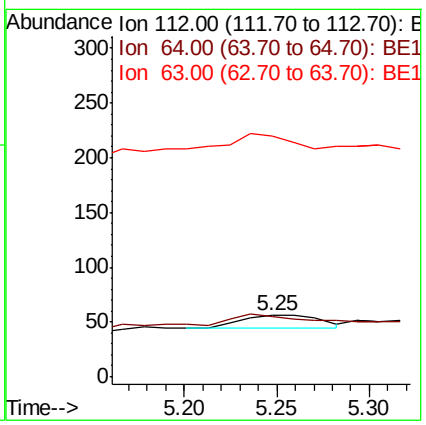


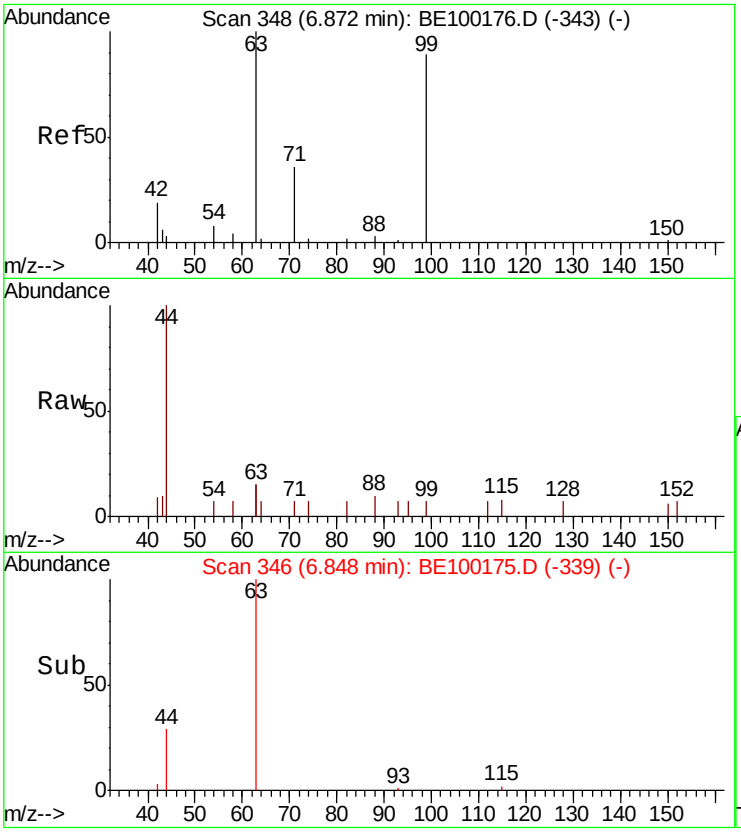


#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.25 min Scan# 207
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:112 Resp: 32

Ion	Ratio	Lower	Upper
112	100		
64	100.0	40.7	61.1#
63	87.5	93.2	139.8#



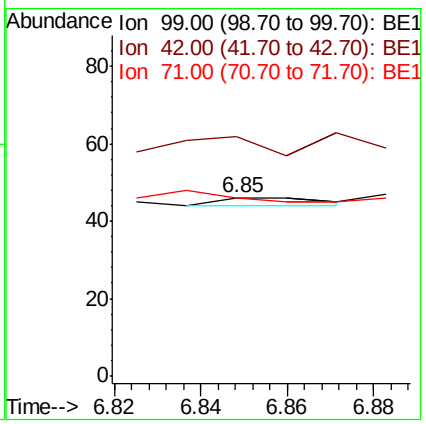


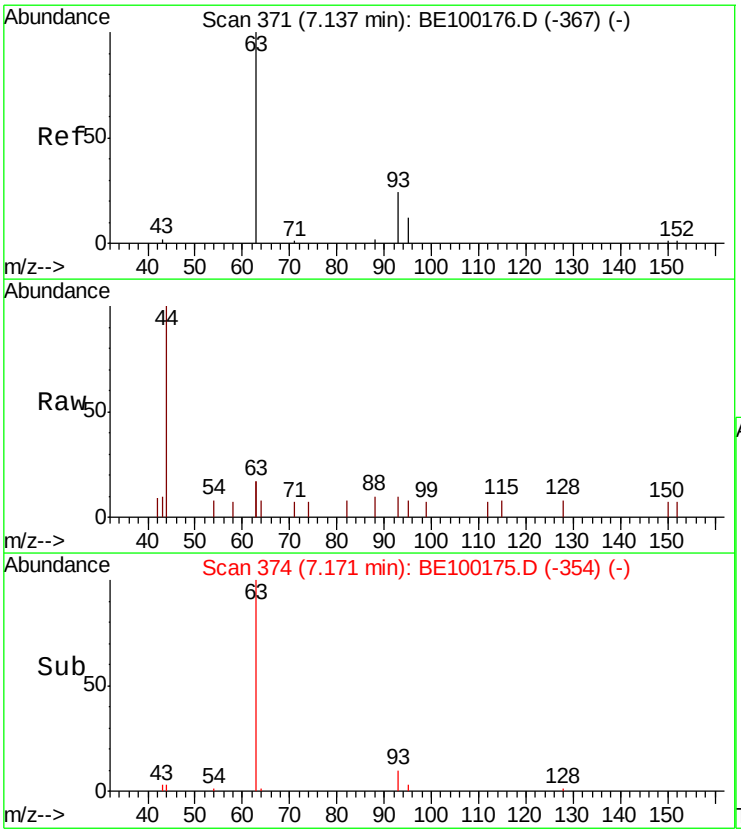
#5
Phenol-d6
Concen: 0.003 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.02 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3

Ion	Ratio	Lower	Upper
99	100		
42	200.0	10.4	15.6#
71	100.0	32.4	48.6#

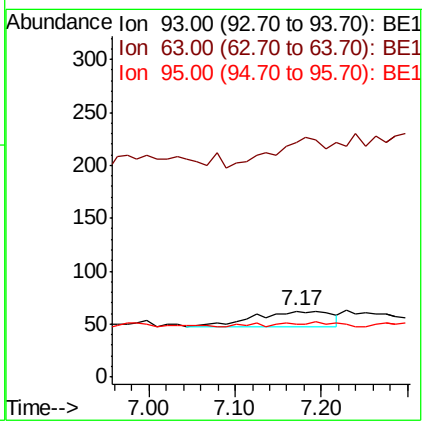


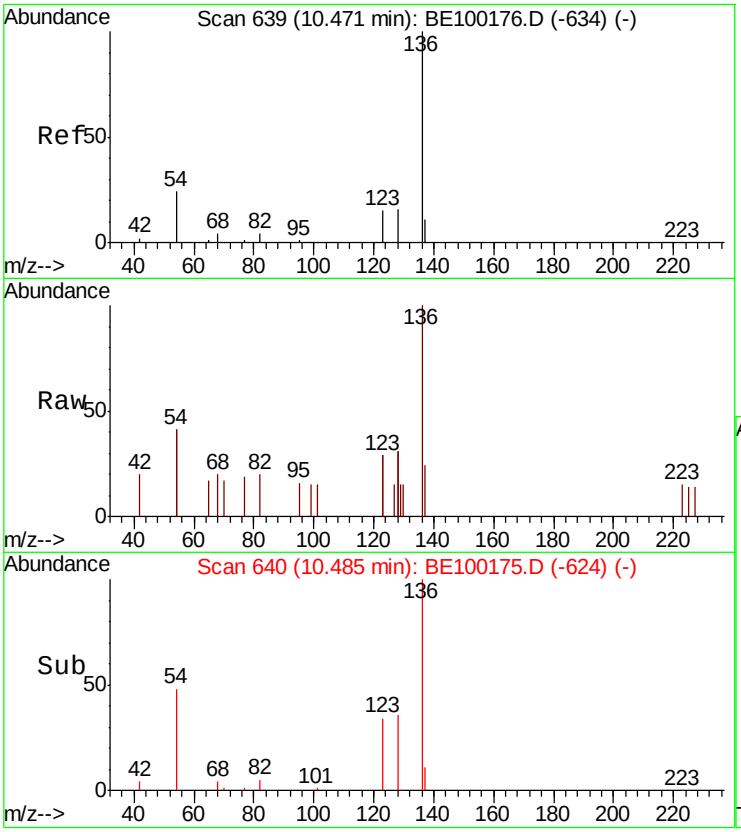


#6
bis(2-Chloroethyl)ether
Concen: 0.097 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion: 93 Resp: 87

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	5.7	21.0	31.6#



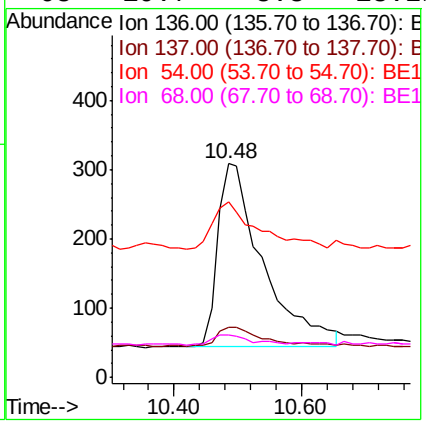


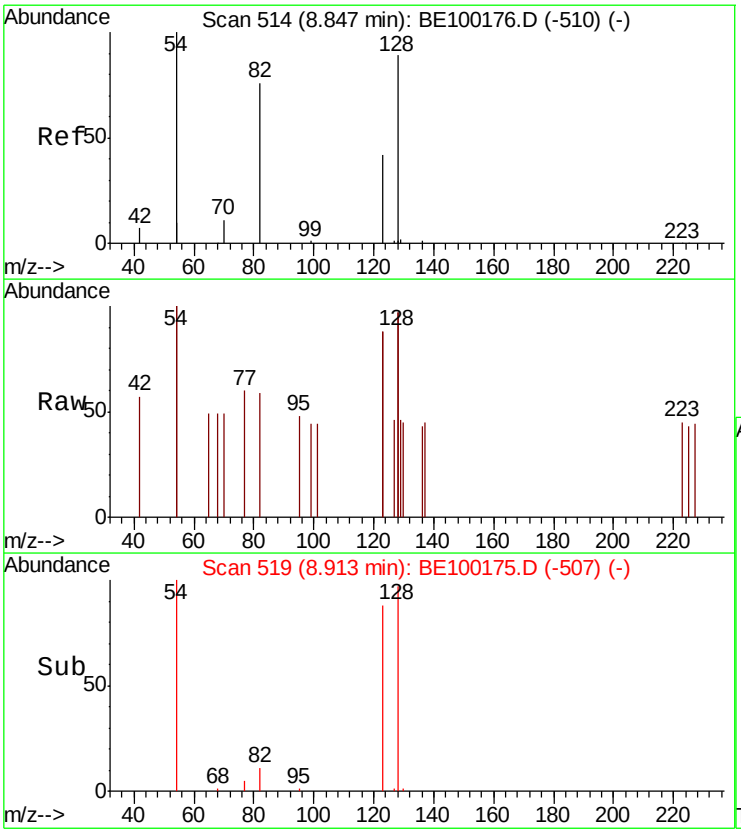
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1303

Ion	Ratio	Lower	Upper
136	100		
137	23.6	13.8	20.8#
54	82.2	35.4	53.2#
68	19.7	8.8	13.2#

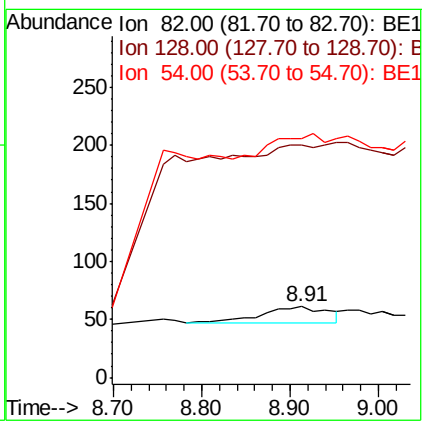


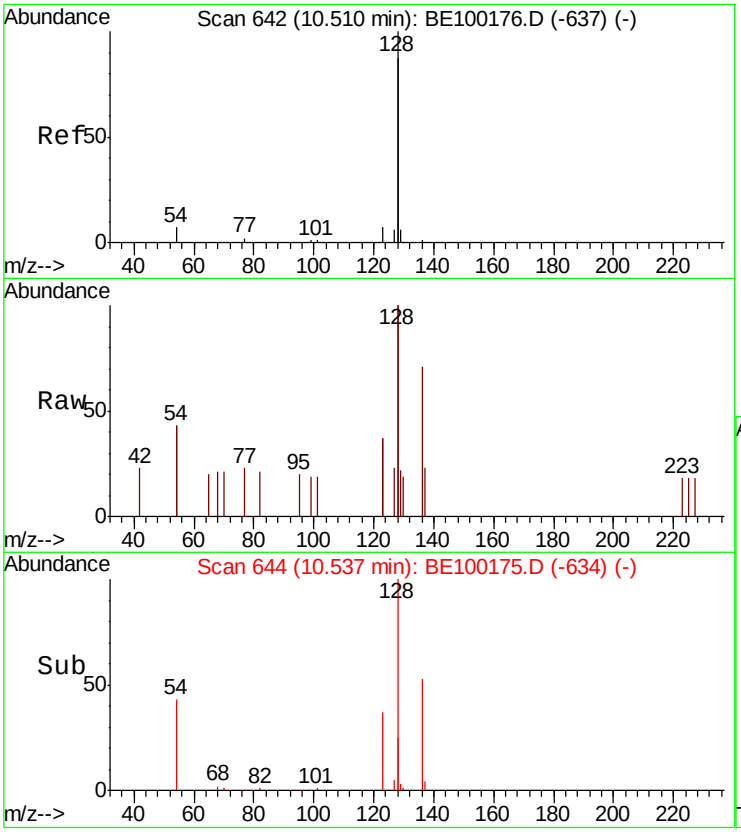


#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.07 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion: 82 Resp: 72

Ion	Ratio	Lower	Upper
82	100		
128	327.9	144.6	217.0#
54	337.7	163.0	244.6#



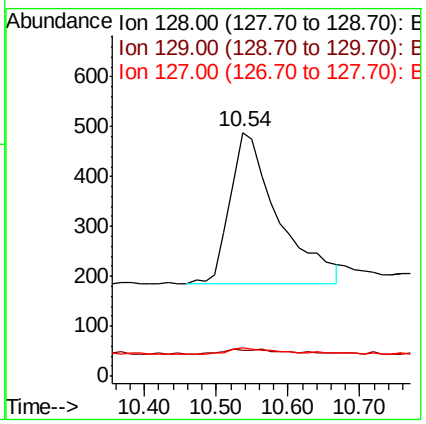


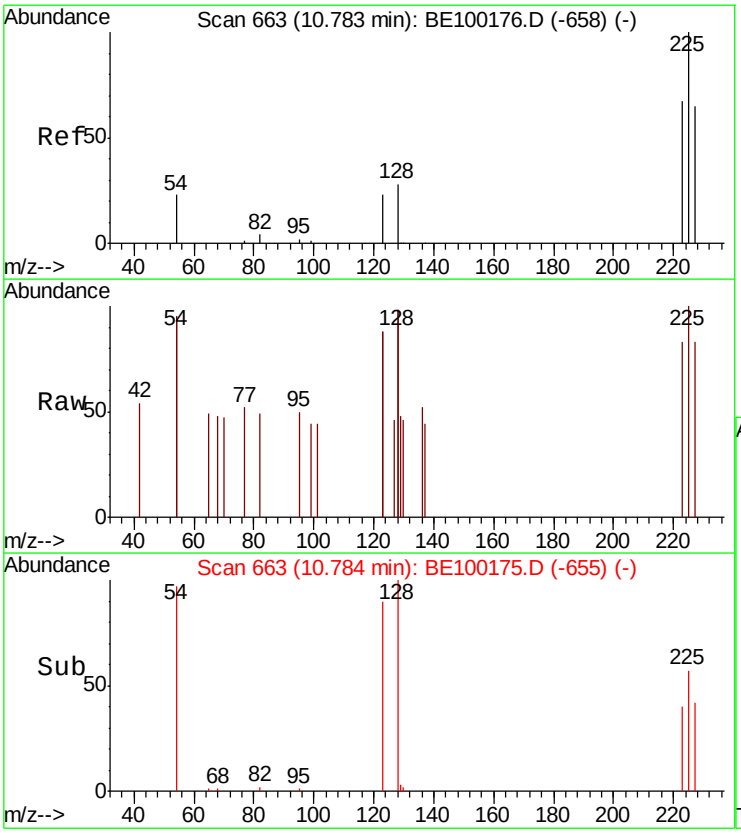
#9
Naphthalene
Concen: 0.099 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1398

Ion	Ratio	Lower	Upper
128	100		
129	10.9	3.6	5.4#
127	11.5	3.8	5.8#

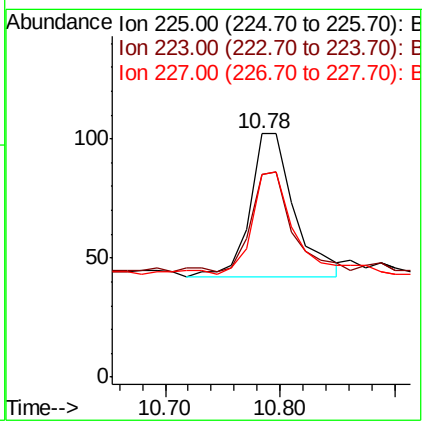


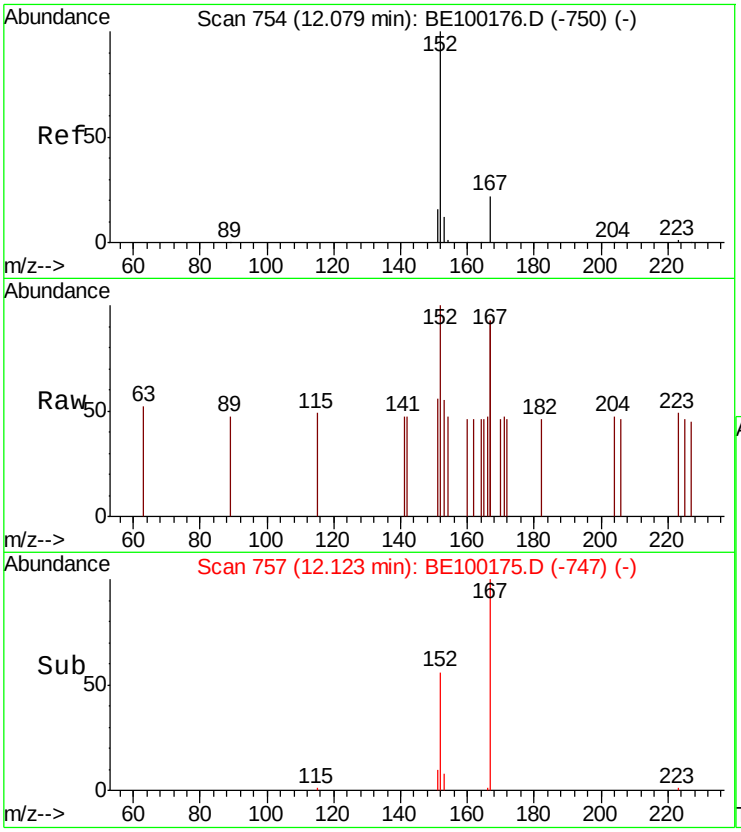


#10
Hexachlorobutadiene
Concen: 0.121 ng
RT: 10.78 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:225 Resp: 163

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.1	75.1
227	66.3	50.9	76.3



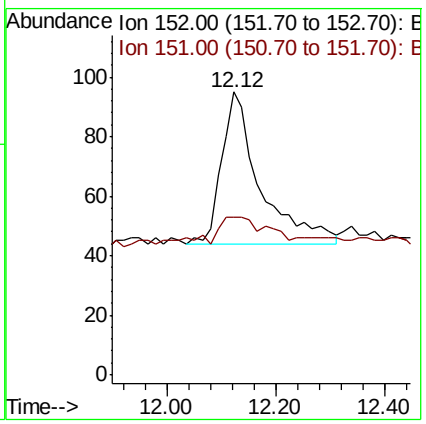


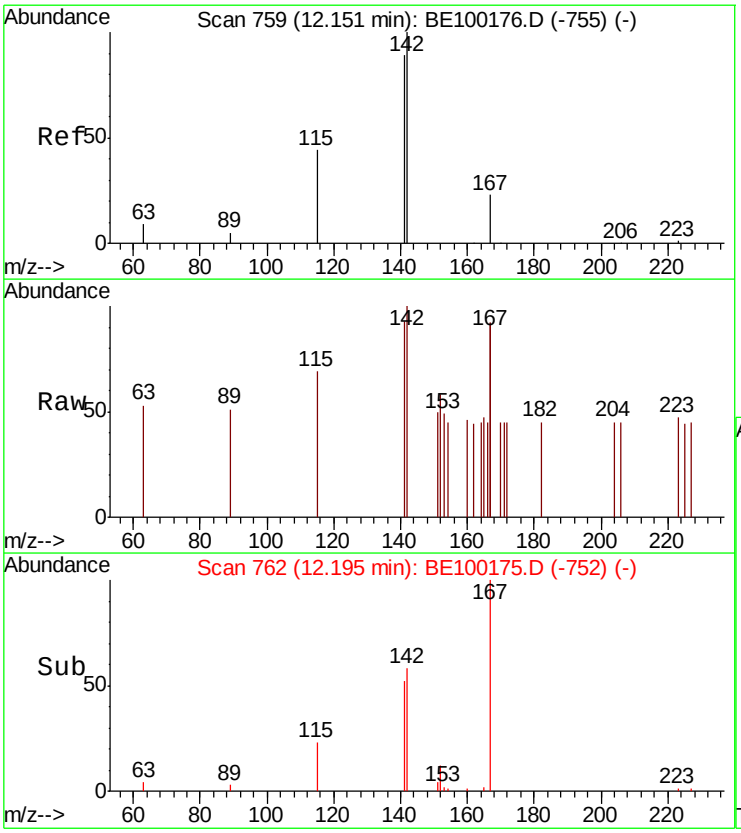
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.04 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 252

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.3	24.5

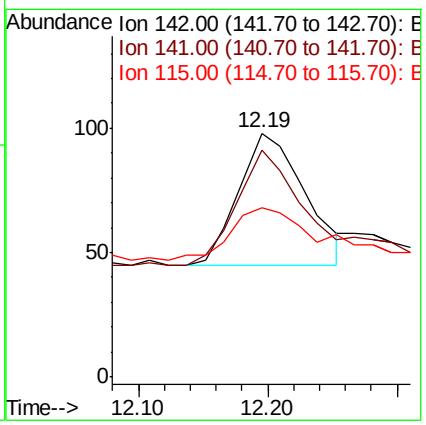


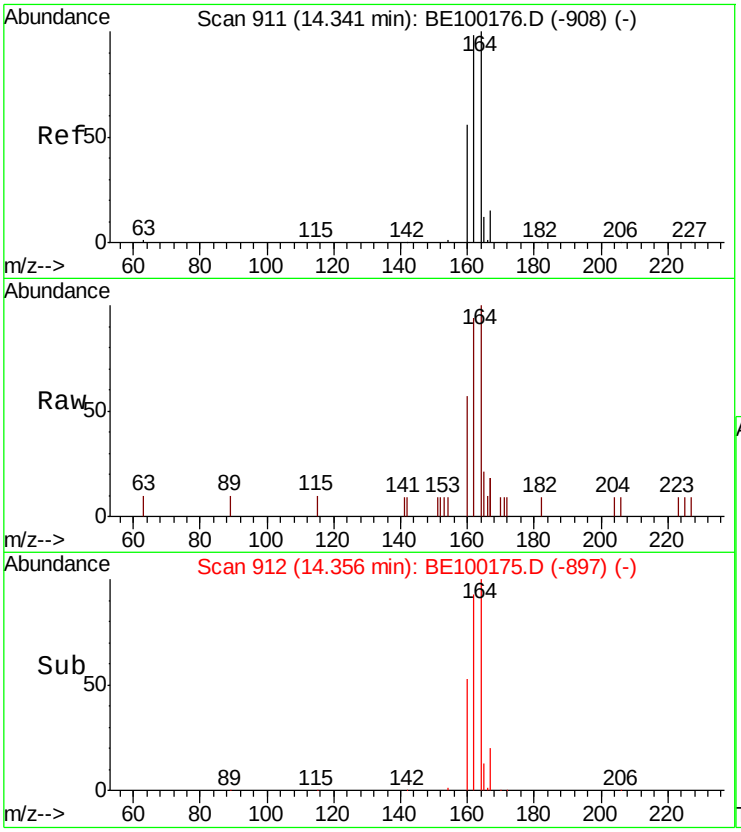


#12
2-Methylnaphthalene
Concen: 0.081 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.04 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:142 Resp: 189

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.8	107.8
115	69.4	40.4	60.6#



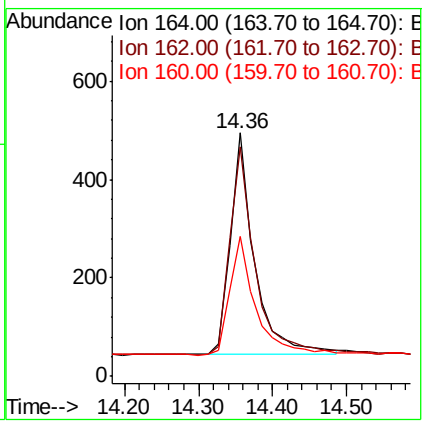


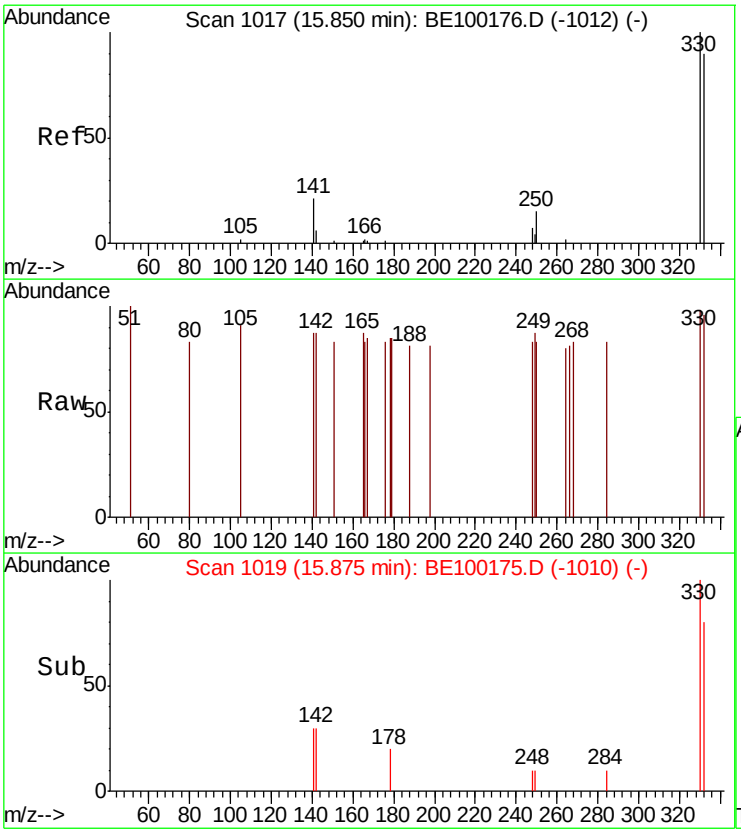
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1026

Ion	Ratio	Lower	Upper
164	100		
162	94.3	78.6	118.0
160	57.4	46.9	70.3

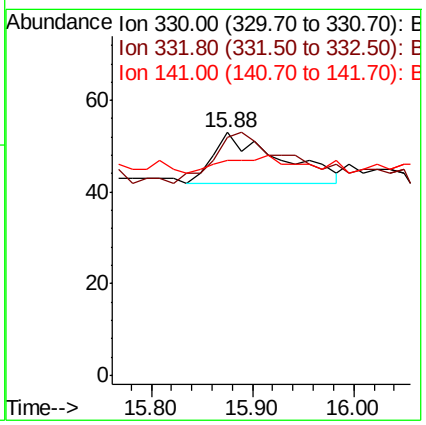


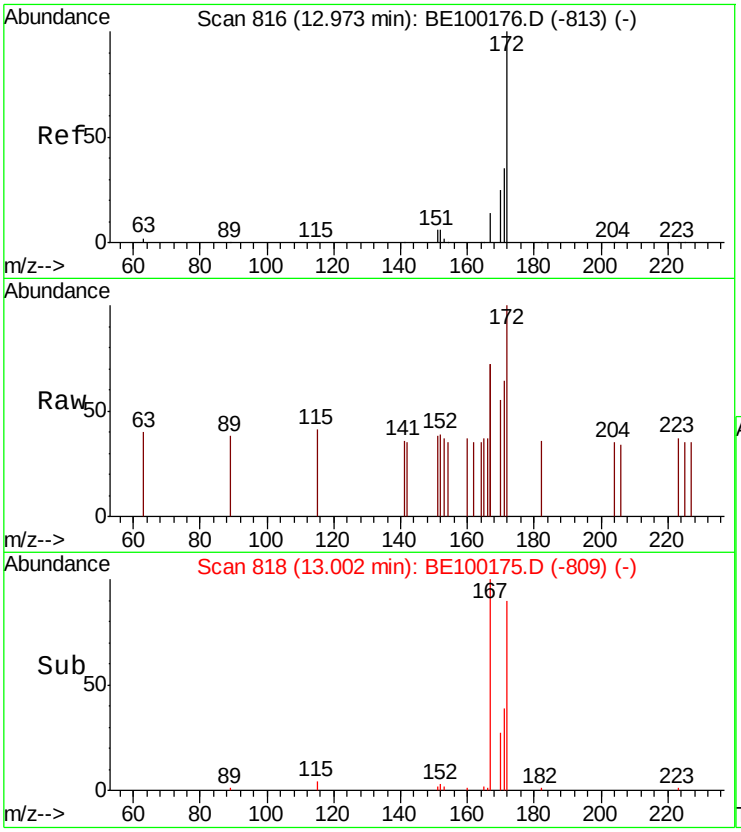


#14
2,4,6-Tribromophenol
Concen: 0.070 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:330 Resp: 49

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	0.0	18.9	28.3#



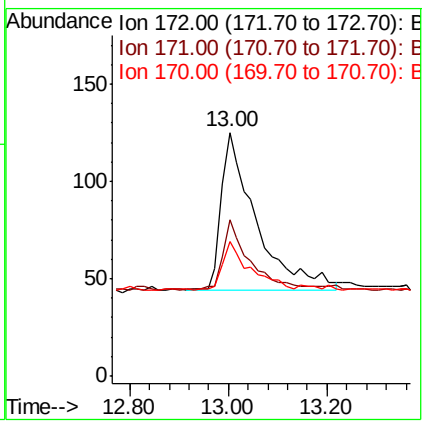


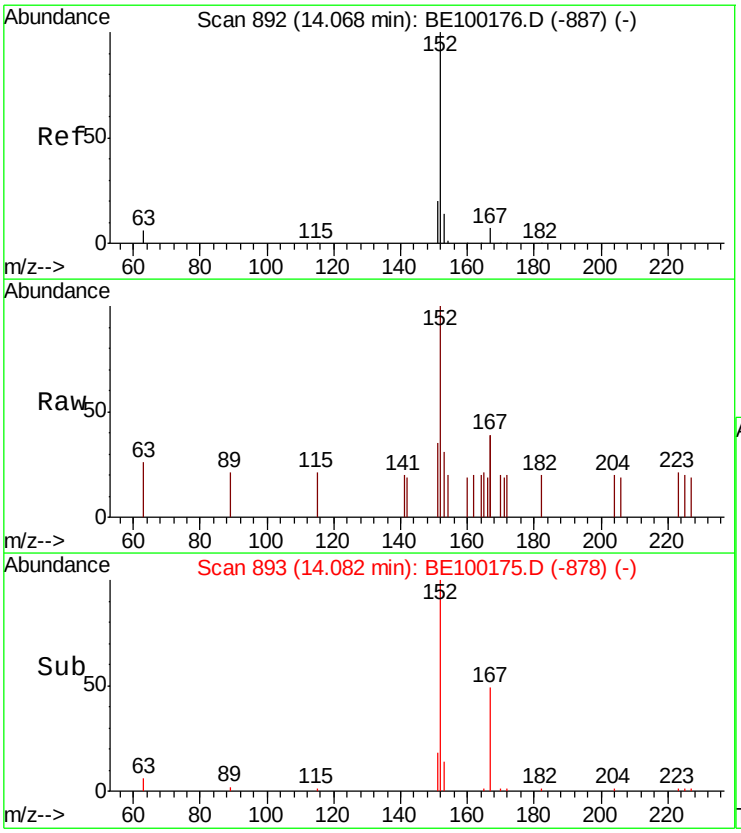
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 399

Ion	Ratio	Lower	Upper
172	100		
171	64.0	31.0	46.4#
170	55.2	23.9	35.9#

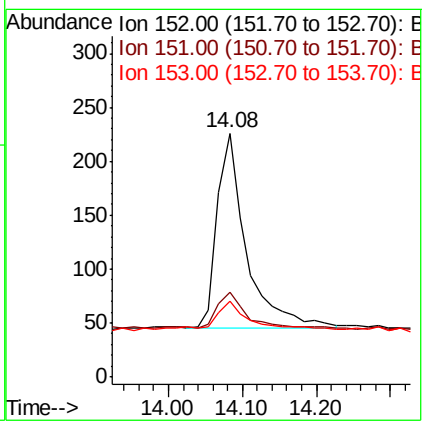


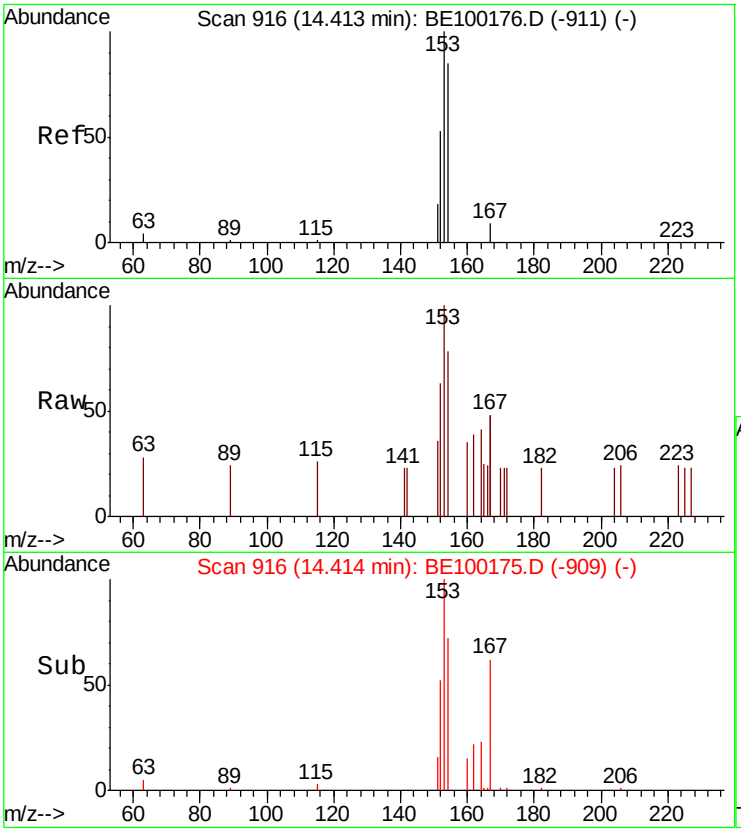


#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:152 Resp: 500

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0
153	19.0	10.8	16.2#



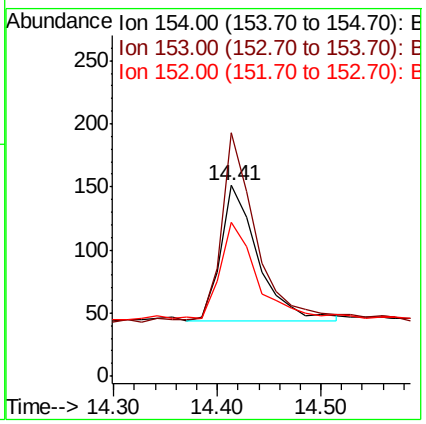


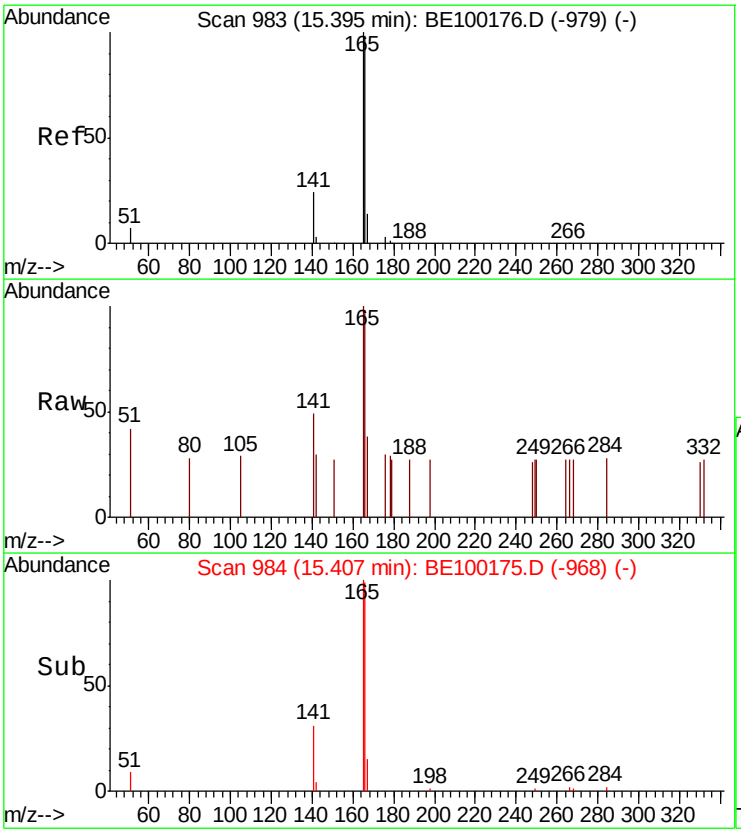
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 270

Ion	Ratio	Lower	Upper
154	100		
153	123.0	95.3	142.9
152	67.4	52.9	79.3

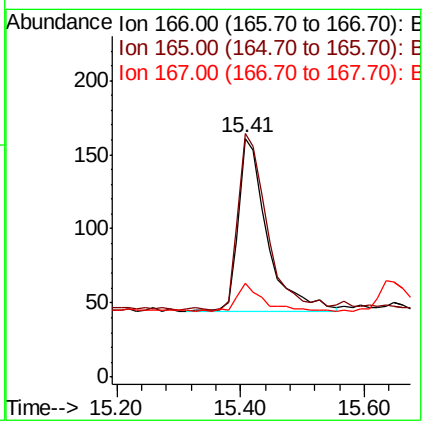


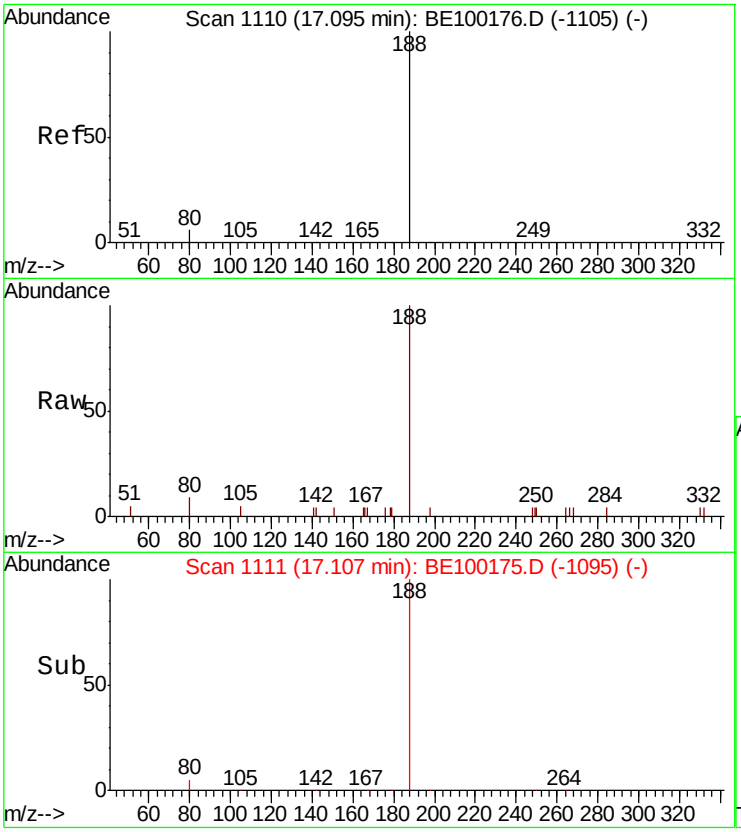


#18
Fluorene
Concen: 0.094 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:166 Resp: 384

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.0	121.4
167	15.6	11.4	17.0



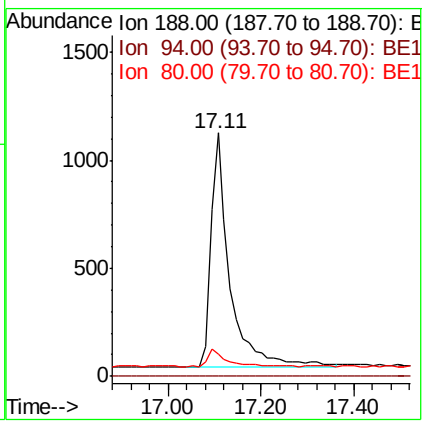


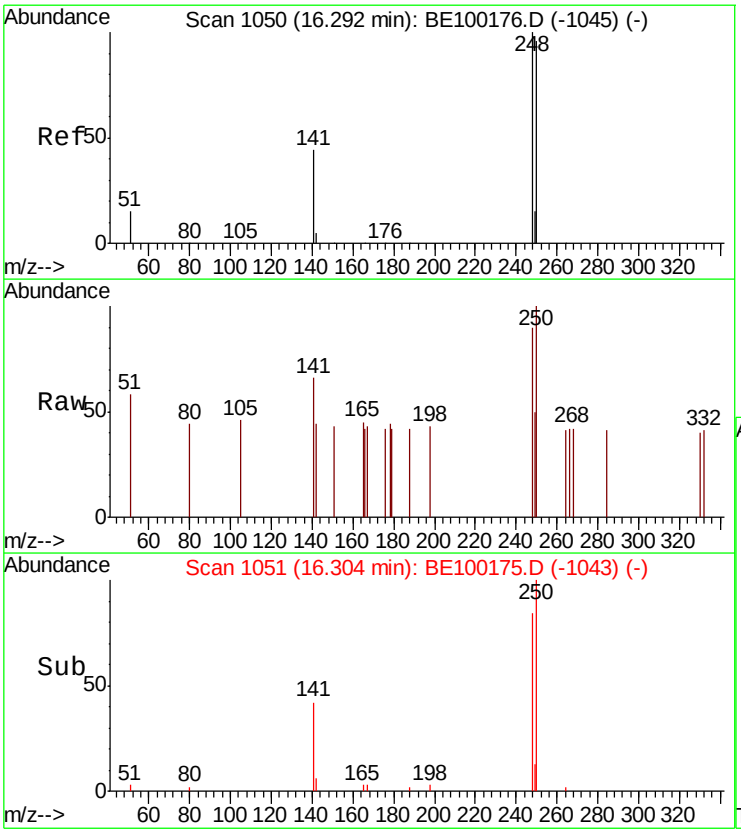
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3069

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.4	9.6

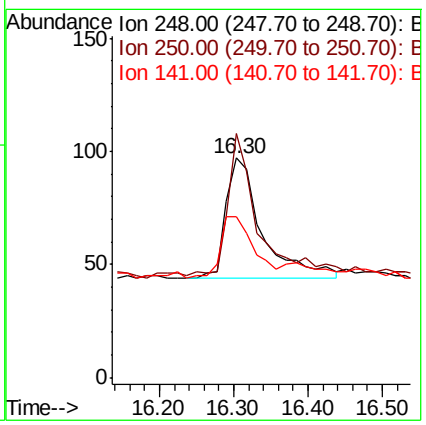


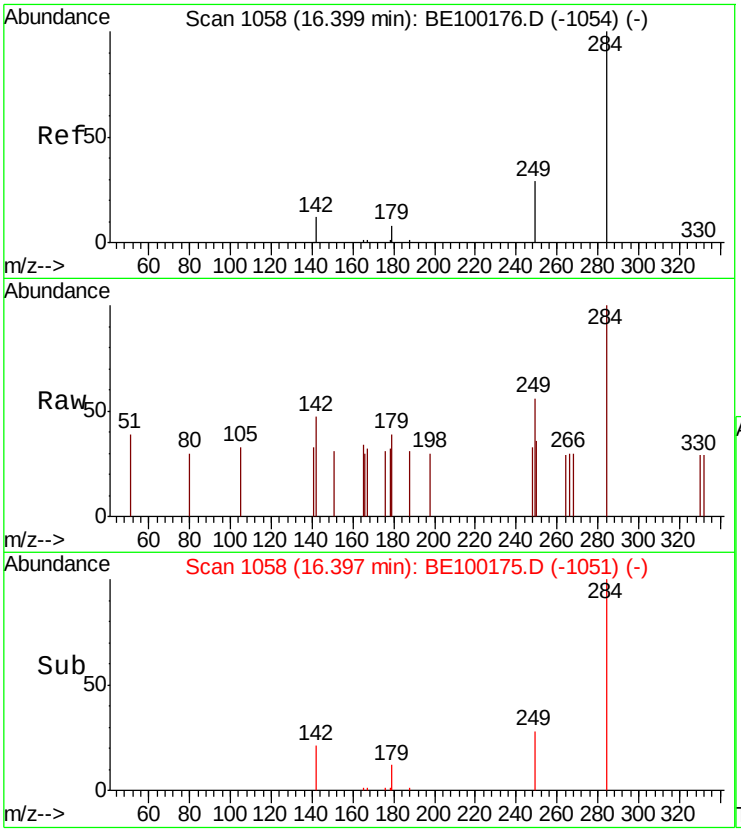


#20
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:248 Resp: 179

Ion	Ratio	Lower	Upper
248	100		
250	111.3	77.1	115.7
141	73.2	39.5	59.3#



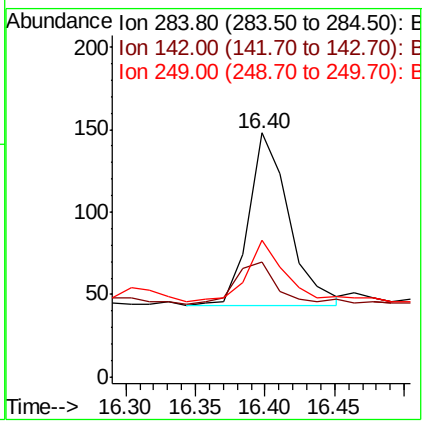


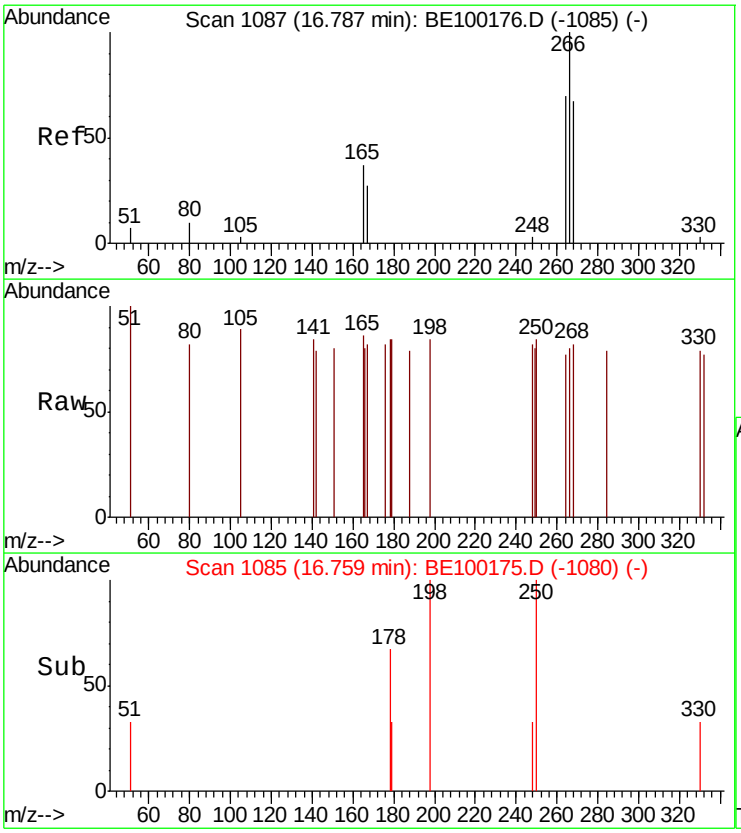
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 213

Ion	Ratio	Lower	Upper
284	100		
142	25.4	20.1	30.1
249	31.0	26.2	39.4

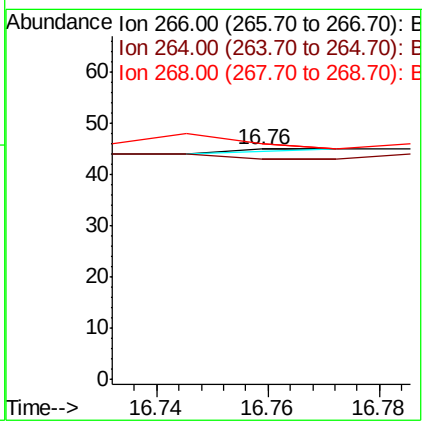


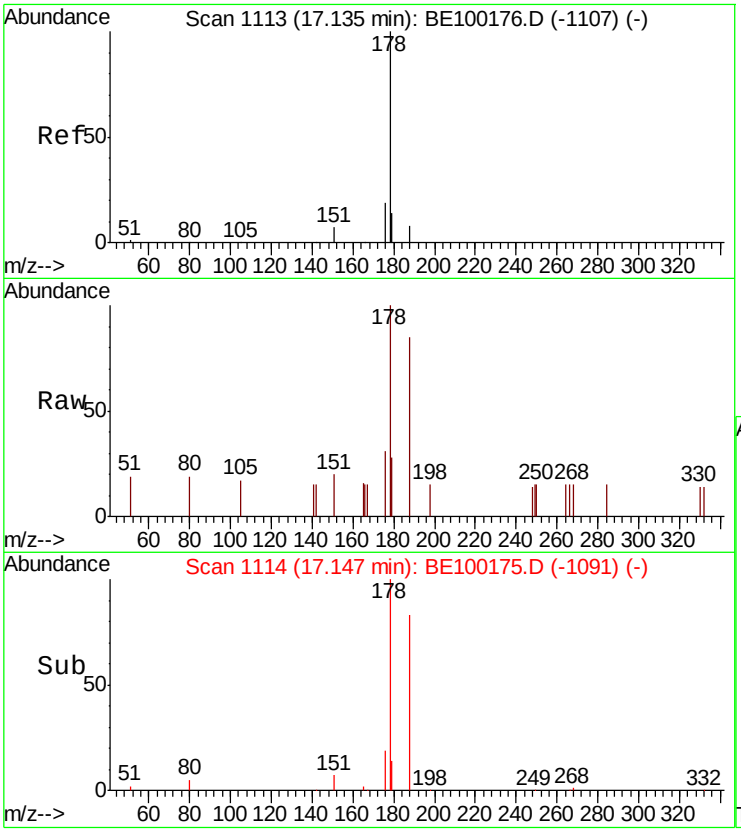


#22
Pentachlorophenol
Concen: 0.002 ng
RT: 16.76 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
264	95.6	67.7	101.5
268	102.2	69.8	104.6



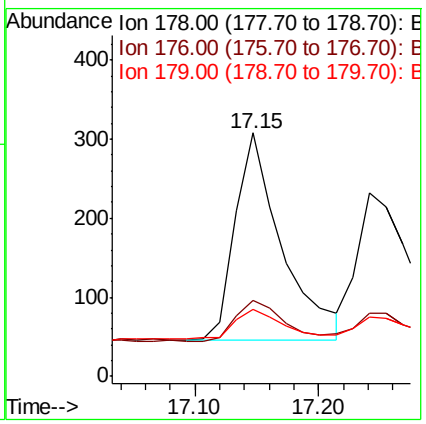


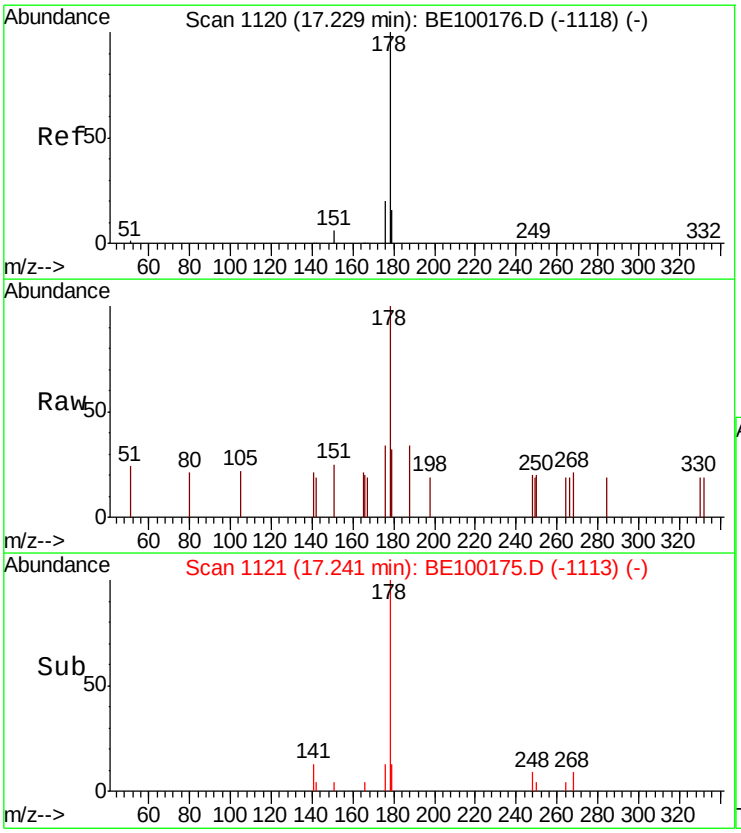
#23
Phenanthrene
Concen: 0.095 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 682

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.6	12.2	18.2

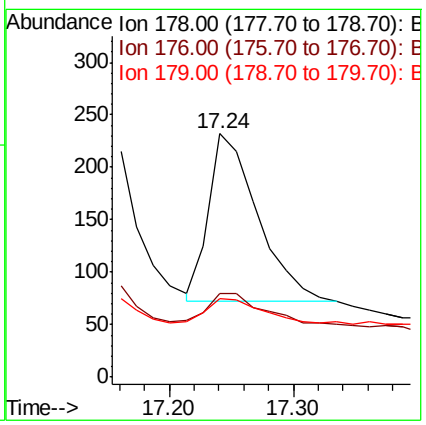


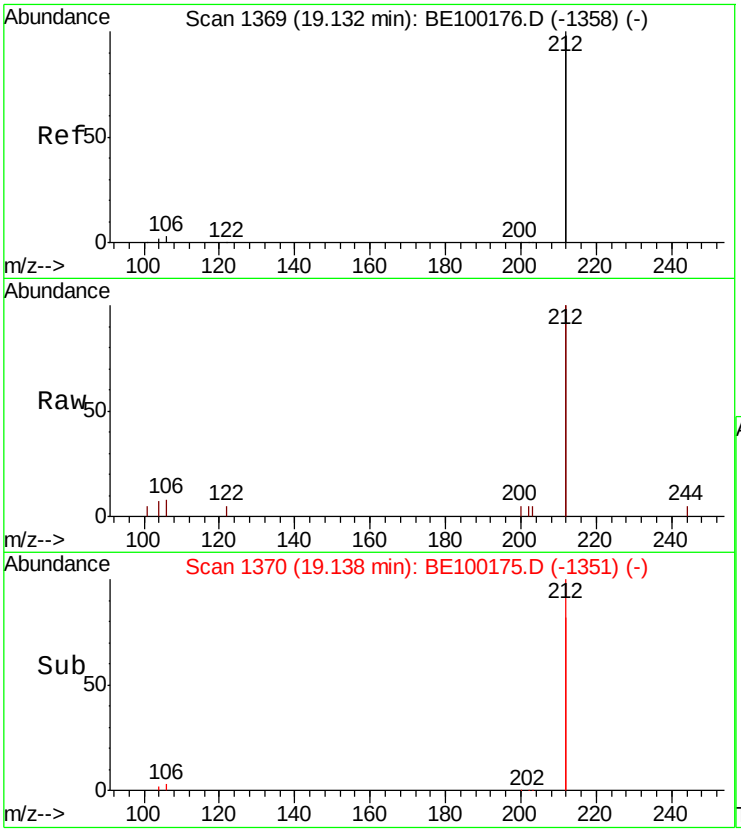


#24
Anthracene
Concen: 0.069 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:178 Resp: 440

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.2	12.9	19.3



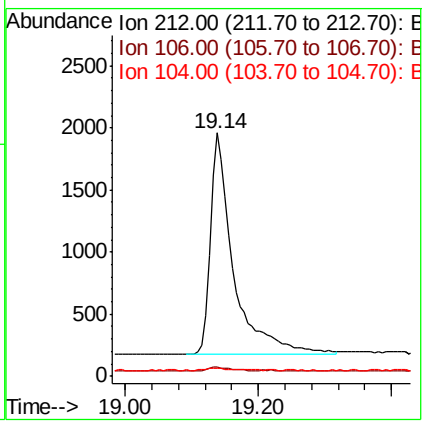


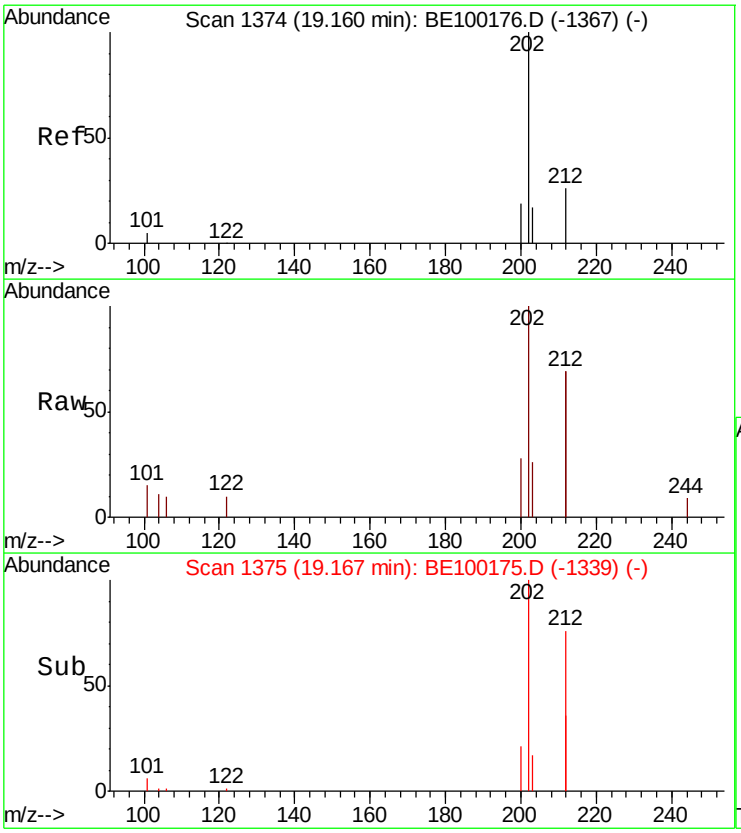
#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 19.14 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4283

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	0.8	0.7	1.1

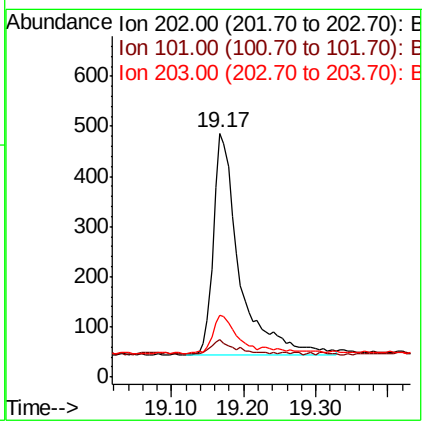


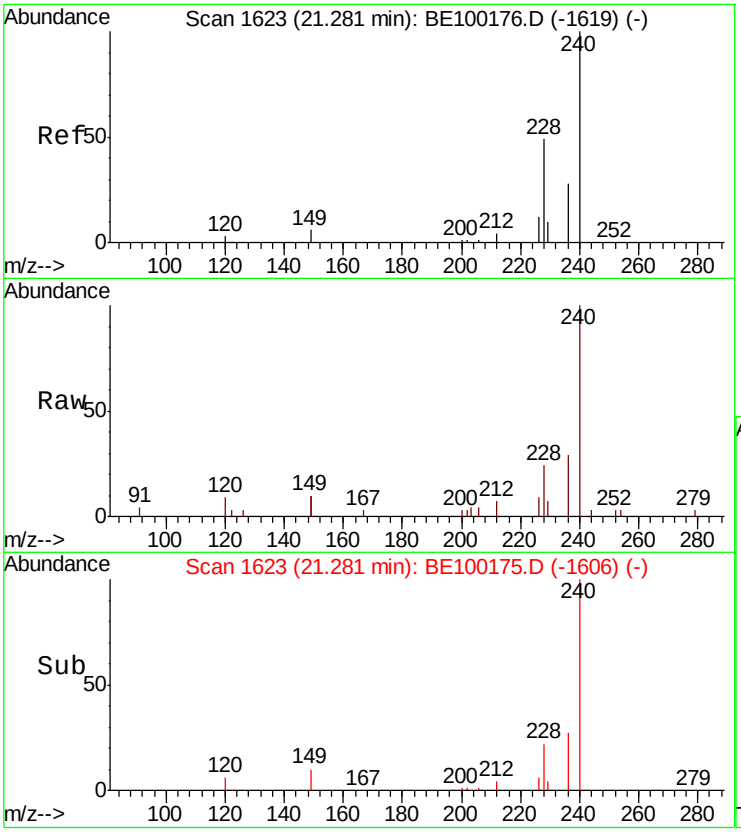


#26
Fluoranthene
Concen: 0.096 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:202 Resp: 1105

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.5	6.7
203	15.6	13.7	20.5



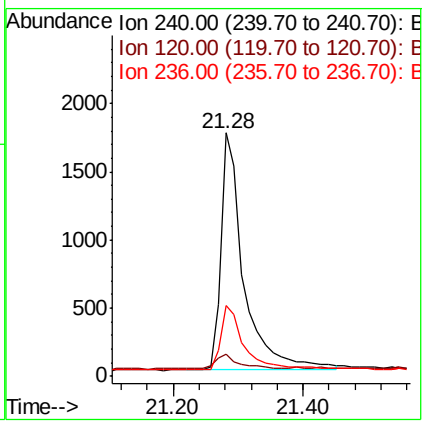


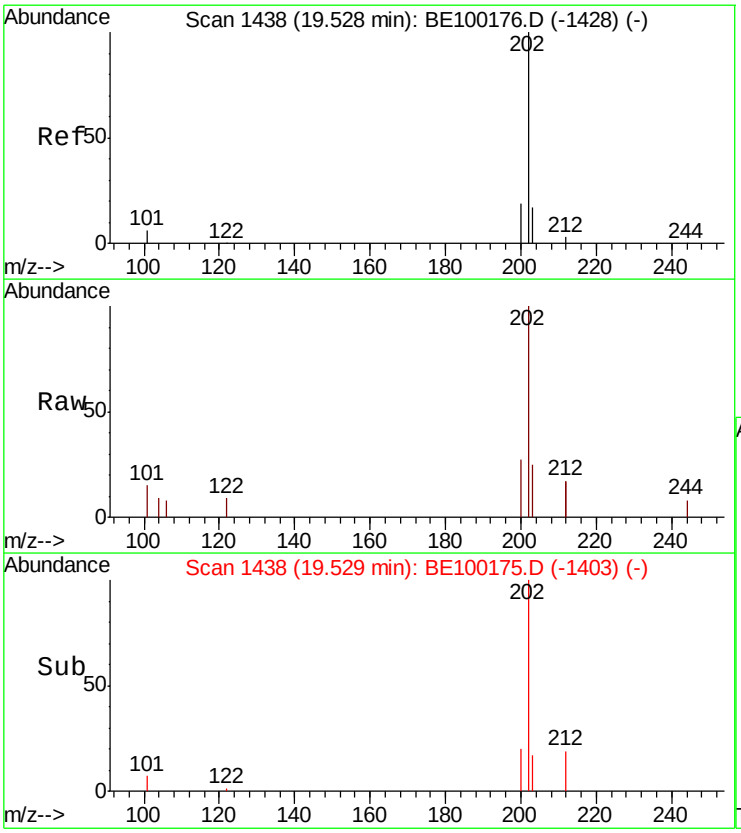
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4322

Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.1	6.1#
236	29.2	23.0	34.6

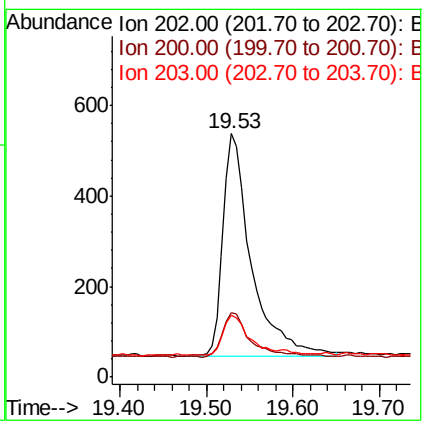


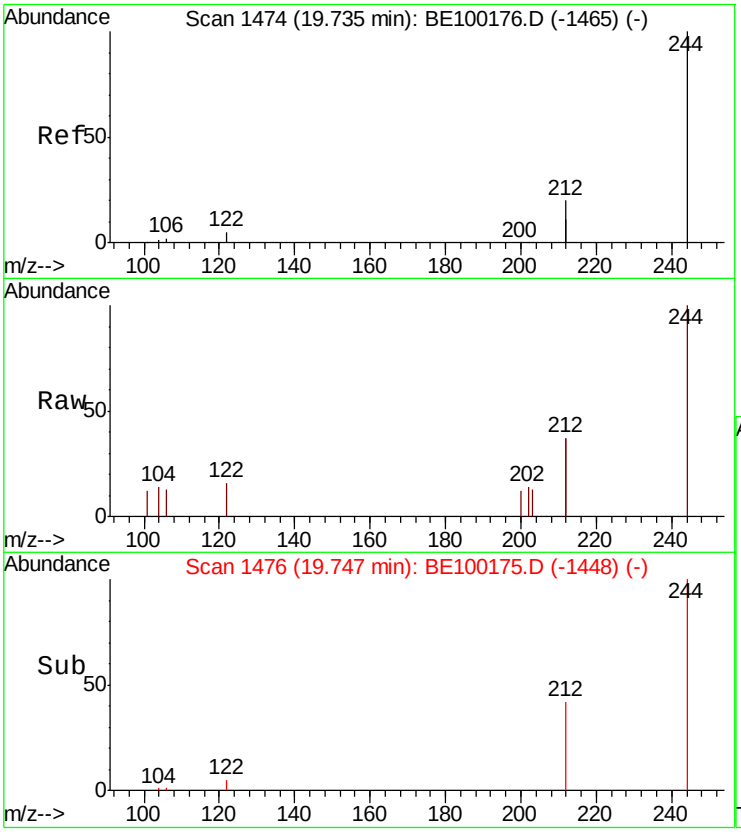


#28
Pyrene
Concen: 0.092 ng
RT: 19.53 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:202 Resp: 1122

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.5	23.3
203	17.6	13.9	20.9



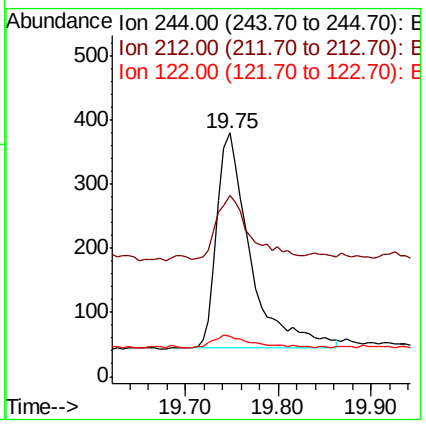


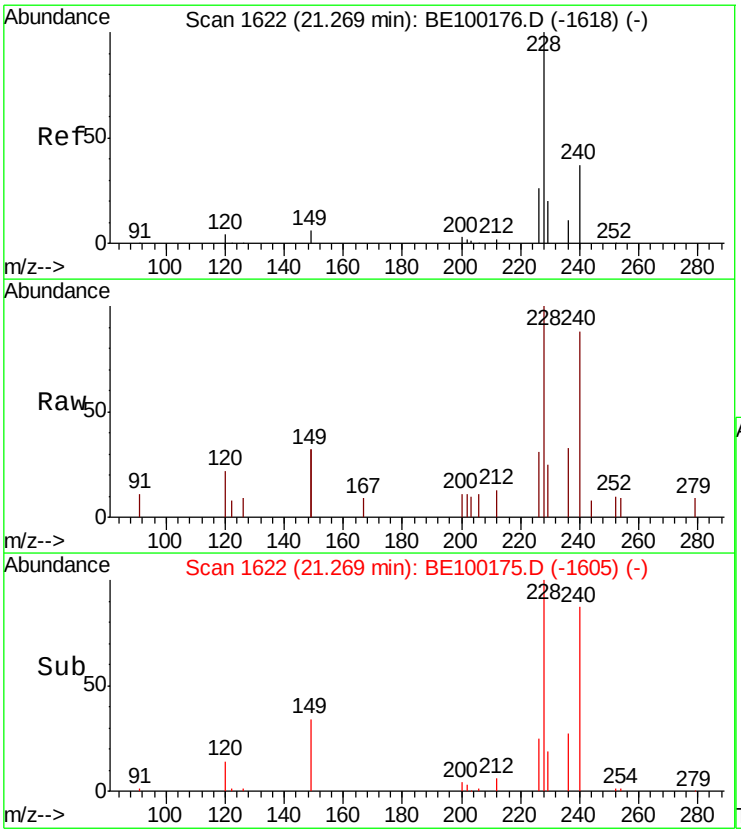
#29
Terphenyl-d14
Concen: 0.091 ng
RT: 19.75 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 843

Ion	Ratio	Lower	Upper
244	100		
212	74.4	30.7	46.1#
122	16.4	5.8	8.6#

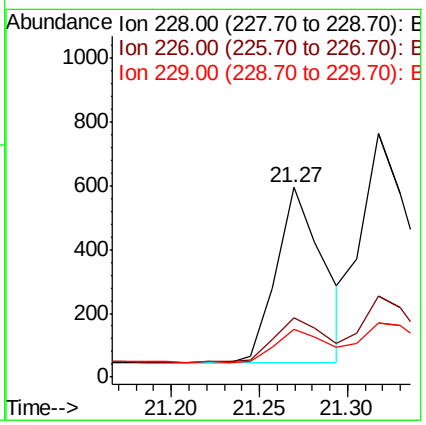


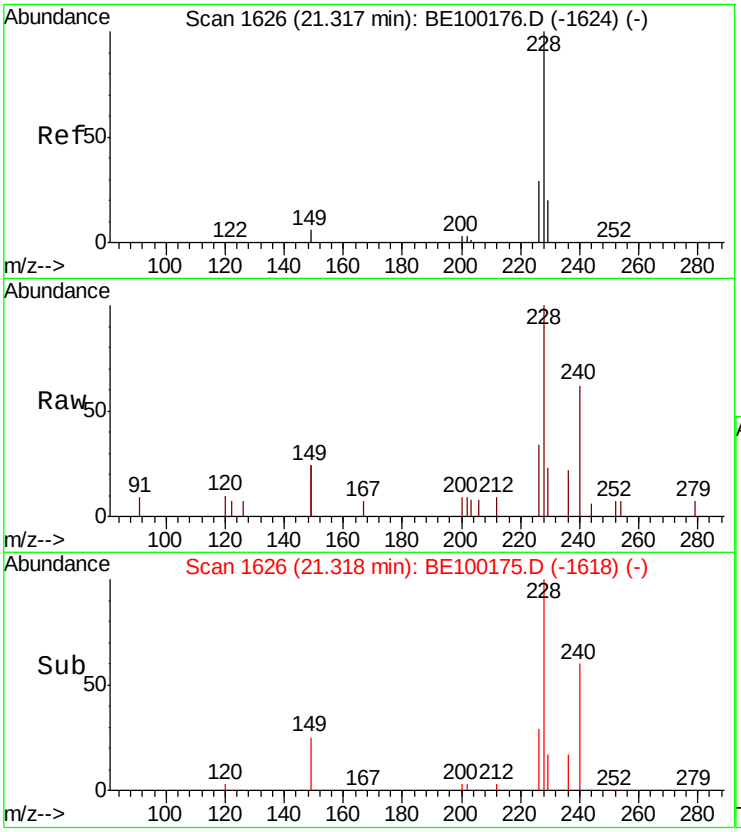


#30
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:228 Resp: 1029

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.5	32.3
229	25.0	17.2	25.8



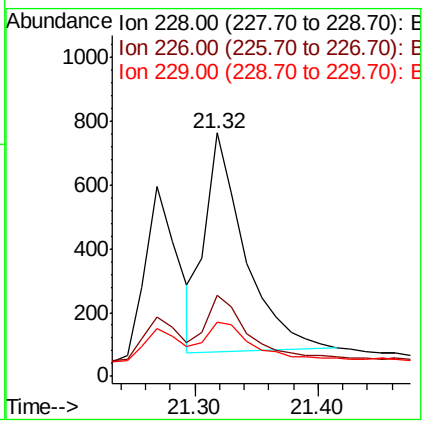


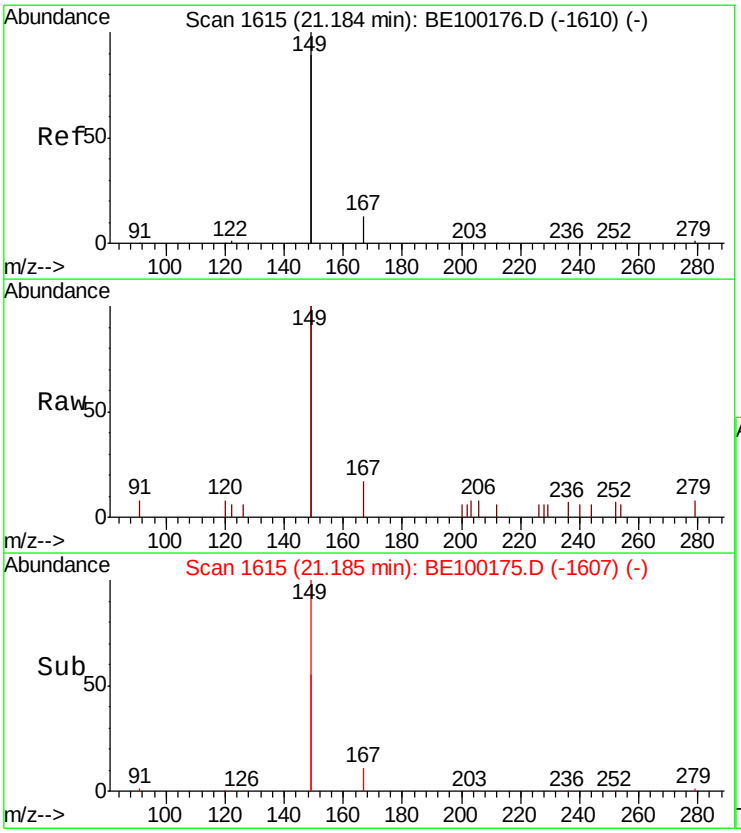
#31
Chrysene
Concen: 0.107 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1547

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.7	35.5
229	22.5	16.5	24.7

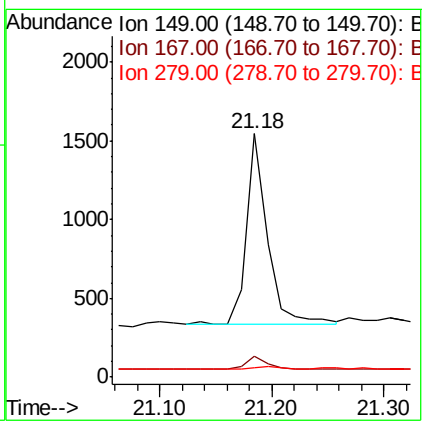


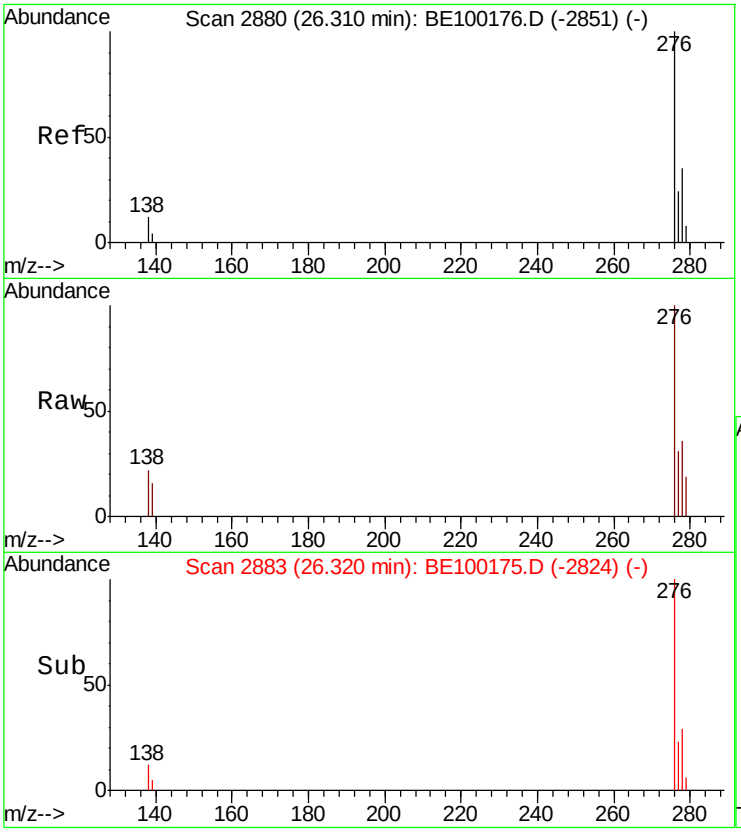


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.18 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:149 Resp: 1565

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.5	1.0	1.6



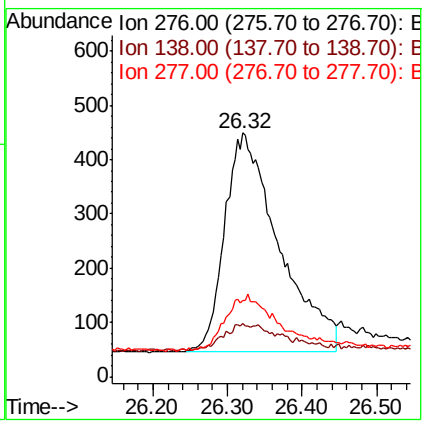


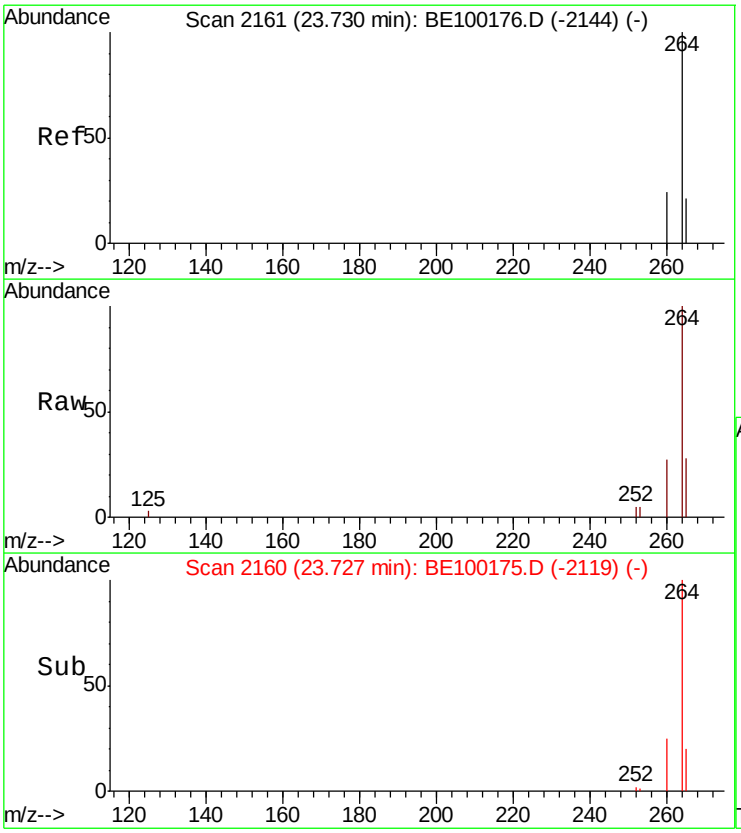
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng
RT: 26.32 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2045

Ion	Ratio	Lower	Upper
276	100		
138	6.0	3.7	5.5#
277	7.3	18.7	28.1#

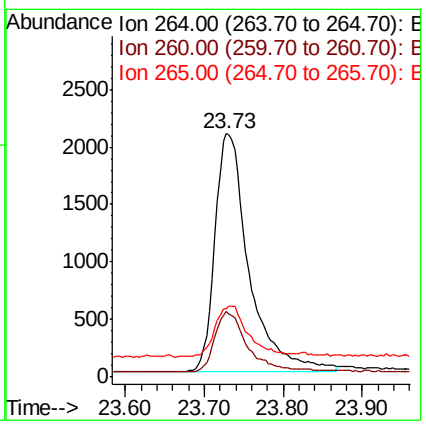


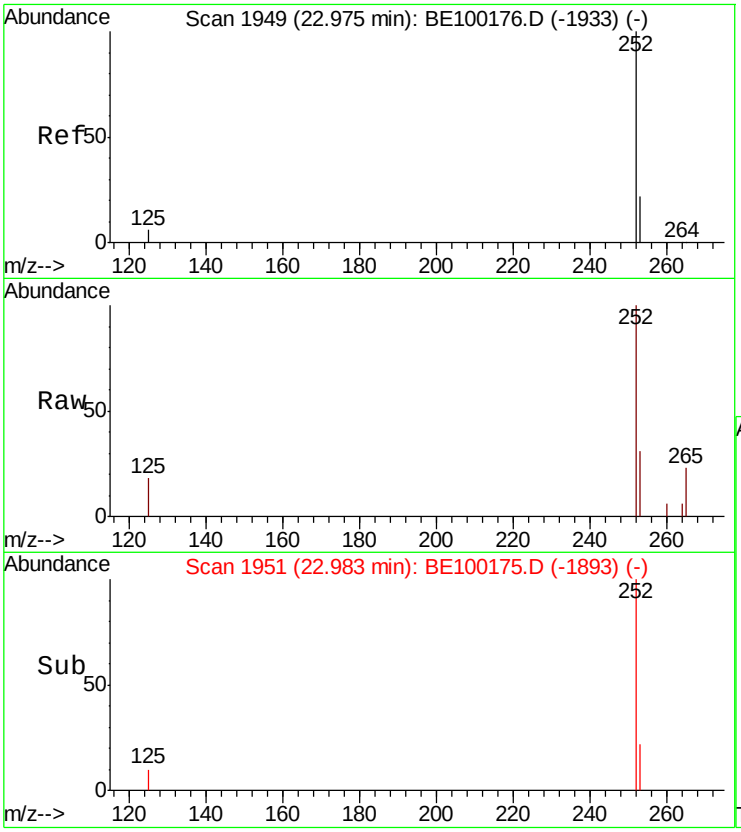


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:264 Resp: 6205

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.4	30.6
265	28.2	22.5	33.7



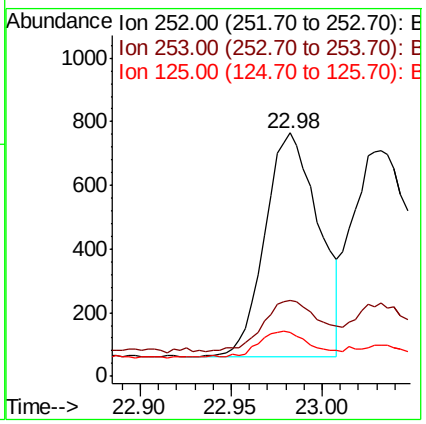


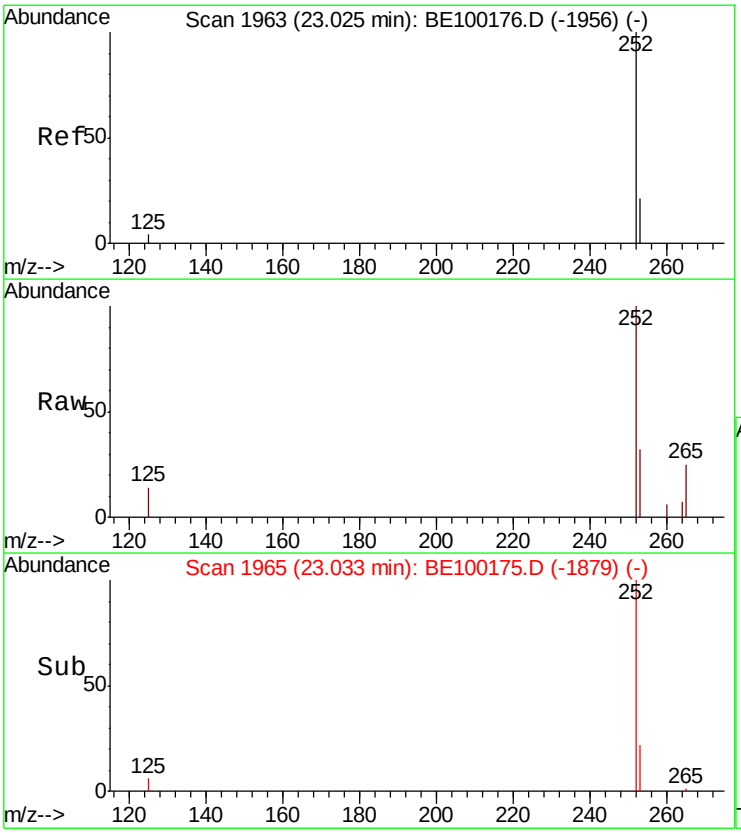
#35
Benzo(b)fluoranthene
Concen: 0.091 ng
RT: 22.98 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1440

Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.0	28.4#
125	17.8	6.3	9.5#

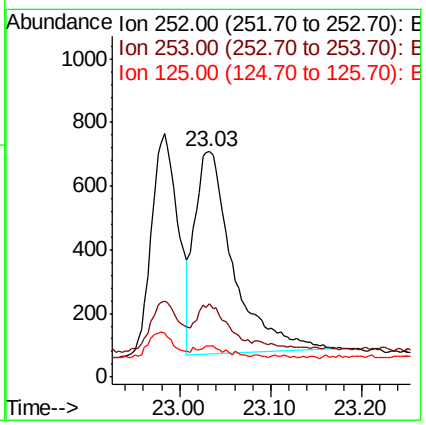


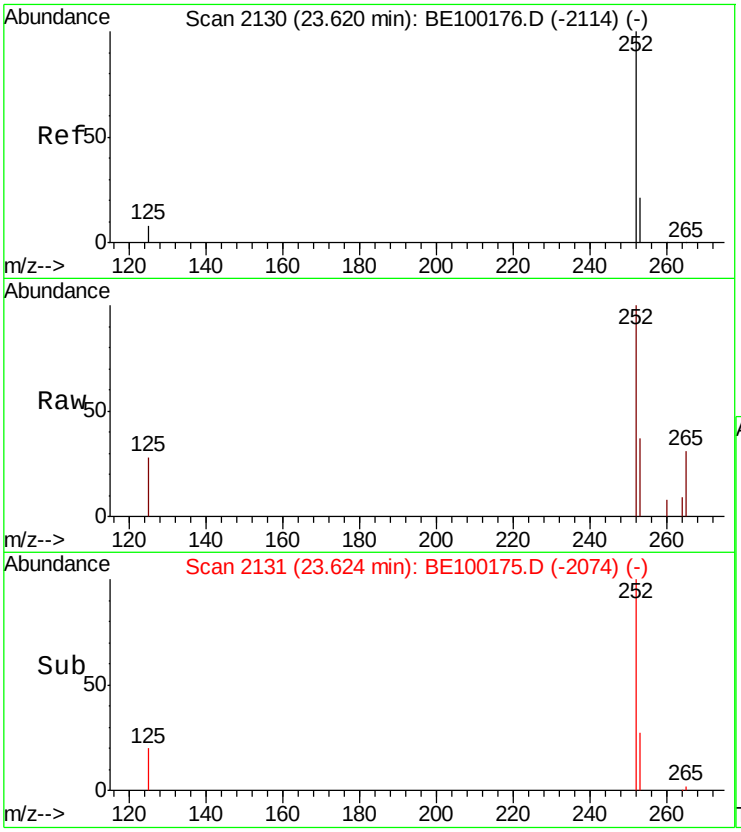


#36
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 23.03 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:252 Resp: 1876

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.4	27.6#
125	13.8	5.0	7.4#



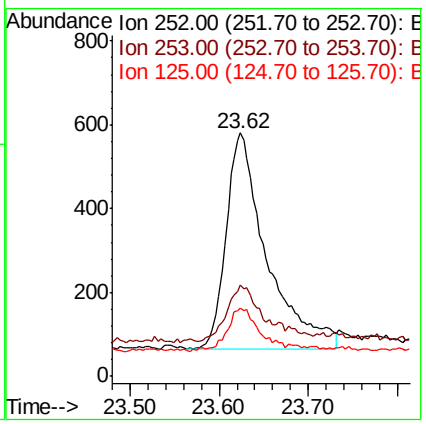


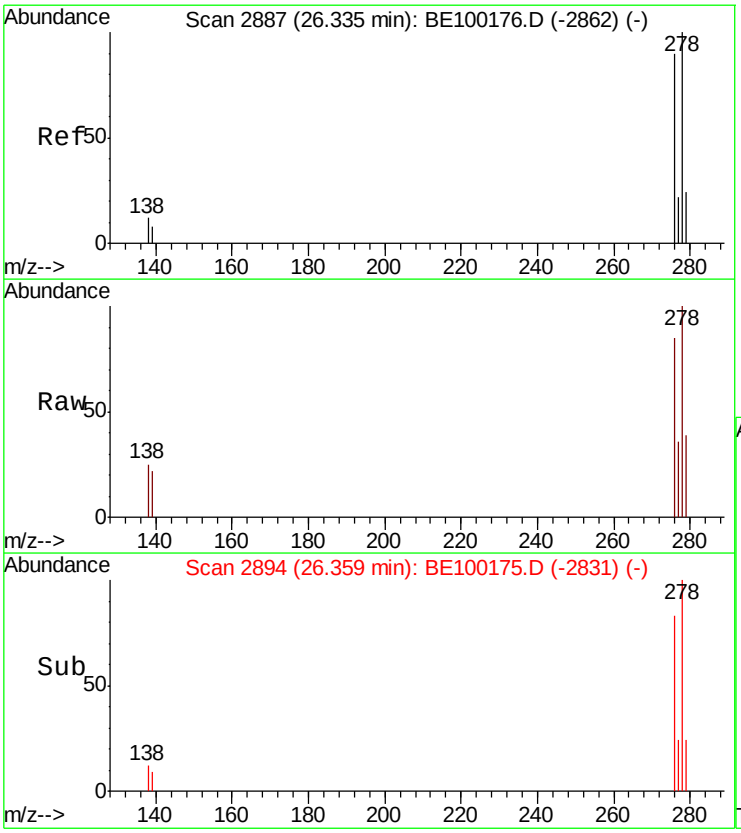
#37
Benzo(a)pyrene
Concen: 0.099 ng
RT: 23.62 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1632

Ion	Ratio	Lower	Upper
252	100		
253	37.3	19.2	28.8#
125	27.9	8.2	12.2#

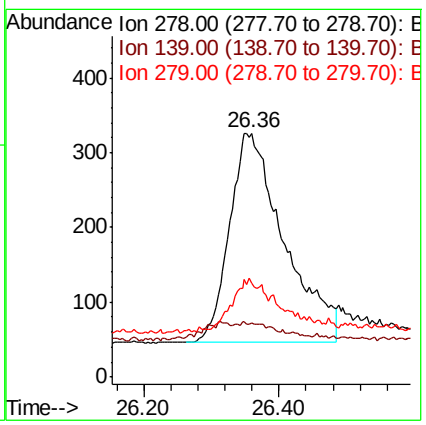


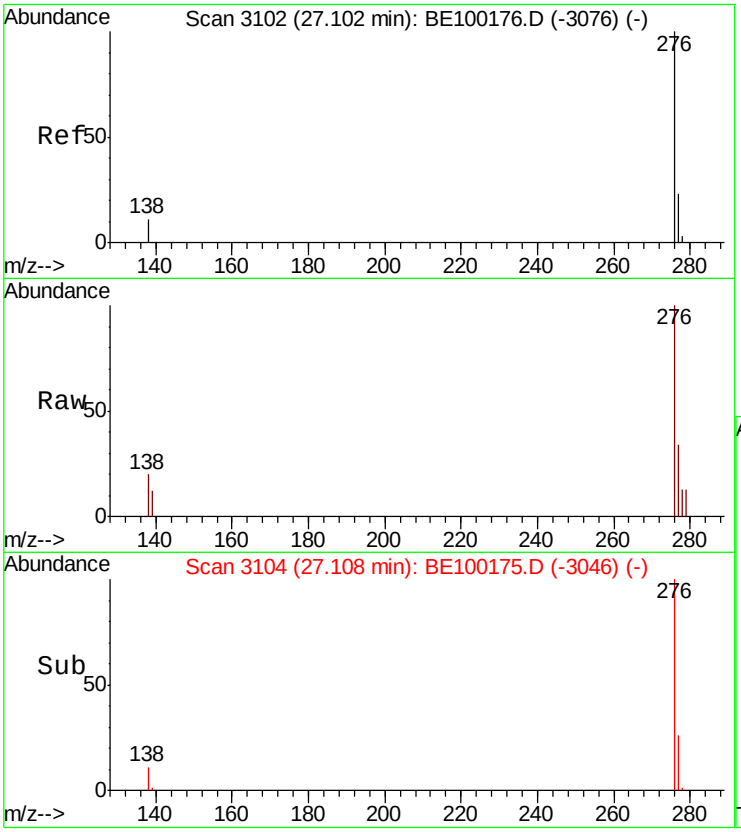


#38
Dibenzo(a,h)anthracene
Concen: 0.095 ng
RT: 26.36 min Scan# 2894
Delta R.T. 0.02 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:278 Resp: 1578

Ion	Ratio	Lower	Upper
278	100		
139	22.4	9.0	13.4#
279	38.7	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.101 ng
RT: 27.11 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1759

Ion	Ratio	Lower	Upper
276	100		
277	34.4	19.8	29.6#
138	20.4	10.2	15.4#